**Amrit Das**

**Phone: +1 (408) 603 1370**

**Email:** amritdas.career2024@gmail.com

**PROFESSIONAL SUMMARY**

* **Over 15+ years of experience in Information Technology, encompassing various roles with a strong focus on Design, Analysis, and Full Stack Development using versatile frameworks.**
* Highly skilled JavaScript Full Stack Developer with exclusive expertise in microservices architecture, leveraging React/Redux for optimal results.
* Proficient with SDLC, **Waterfall, Agile Methodologies, JIRA tools, Kanban boards.**
* **Extensive experience in JAX-RS,Struts, EJB 3.0, JMS,ORM mapping frameworks.**
* Expertise with JPA using HIBERNATE, spring JDBC.
* Experience in IT industry as Engineer with proven expertise in Automation, Build/Release Engineering and Software development involving cloud computing **platforms like Amazon Web Services (AWS), Azure and Google Cloud (GCP).**
* Experienced in using the open source platforms such **as OpenShift, Docker and Kubernetes**
* Proficiency in developing and designing applications **using Java 11**
* Expertise in using version control systems such as **Git, SVN, and CVS**
* Experienced in developing Java applications using **JDK 8 and JDK 11**
* Extensive experience in developing Service-Oriented Architecture (**SOA), REST, and J2EE Web Services using SOAP, BPM, WSDL, JAX-WS, JAXB, JAX-RPC, and tools such as Apache Axis.**
* Proficient in developing **RESTful web services using Spring MVC.**
* Strong knowledge and ability to read and interpret UML design documentation, including Database and Data Flow diagrams.
* Extensive experience in developing applications using **Core Java, Java 8, and J2EE technologies including JDBC, Java Servlets, JSP, EJB, Web Services (REST & SOAP), XML, HTML, JavaScript, JQuery, CSS, and AJAX.**
* Excellent in deploying the applications in **AWS as EC2 instances and create snapshots for the data that have to be stored in AWS S3.**
* Experienced in **using Java 11 APIs such as Date/Time,Streams, Lambda Expressions, and Concurrency**
* Skilled in the design and rapid development of web and J2EE applications, utilizing **Core Java, JSP, JSF, CSS, Servlets, EJB**, JavaScript, Spring, JDBC, JNDI, HTML/DHTML, XML, and the Struts framework.
* Utilized **Amazon Web Services (AWS) EC2 to deploy Docker** containers with both monolith and Micro-Services architecture.
* Expertise in the Spring framework, extensively utilizing Spring DI, Spring AOP, Spring JDBC templates, and Spring MVC.
* Experienced in Agile software development processes, **Test Driven Development (TDD), and Scrum** methodologies.
* Proficient in client-side design and validations using **HTML, CSS, JavaScript, AJAX, jQuery, Angular 11, and Node.js.**
* **Leveraged Java 8** features such **as Lambda expressions and Stream API** for efficient bulk data operations on Collections, enhancing application performance.
* Developed client-side validations using **Angular 11, as well as custom pipes and Shadow DOM.**
* Built Rich Internet Applications (**RIA) using Flex, HTML5, CSS, Ajax, Dojo, and Node.js.**
* Created Graphical User Interfaces using **UI frameworks like Angular 11 and developed webpages using HTML, CSS, and JSP for enhanced user interaction**.
* Possess good knowledge of **AWS Cloud Formation templates and configured the SQS service through Java API for efficient information exchange.**
* Comprehensive knowledge **of RDBMS databases, including Oracle 10g/11g, SQL Server, DB2, and MySQL 4.x/5.0.**
* Extensive experience in developing **GUIs using Struts, Spring MVC, and Spring Web Flow Frameworks.**
* **Proficient with PL-SQL stored procedures, triggers, and views.**
* Skilled **in Web Services, SOAP, JAX-RPC, WSDL, JSF, ORM - Hibernate, EJB, and XML.**
* Well-versed in the Spring and Struts frameworks.
* Hands on experience in migrating existing Java applications in **AWS cloud and worked on performance and cost-efficient solutions in AWS cloud to suit application specific needs**.
* Development experience across Windows**, Linux, Mac OS, Docker containers, and UNIX operating systems.**
* Utilized DAO access and wrote DML, DDL, and triggers for DB2 database, leveraging client environment-specific tools for effective module design.
* Demonstrated experience working with **Java 11 and related technologies**
* Worked with build management tools **like Ant, Maven, and Jenkins.**
* Experienced in installing, **configuring, and tuning Apache Tomcat, WebLogic, and WebSphere.**
* Demonstrated ability to work both individually and as part of a team, with excellent problem-solving and troubleshooting skills, adaptability to new tools and concepts.
* Designed services and endpoints based on the **Domain-Driven Design (DDD) approach and Richardson's Maturity model.**
* Extensive experience in developing applications using **Core Java, Java 8, and J2EE technologies including JDBC, Java Servlets, JSP, EJB, Web Services (REST & SOAP), XML, HTML, JavaScript, JQuery, CSS, and AJAX**.
* Experience in working with (AWS)Amazon Web Services **Elastic Bean Stalk like EC2, SQS, S3, Lambda,** Elastic Search, **Dynamo DB, Elastic Load Balancer (ELB) and Docker Container.**
* Experienced in developing front end applications using **HTML4/5, XHTML, DHTML, CSS3**
* Knowledge on web debugging tools (Firebug debugging tool) and used integration Testing frameworks and libraries **like Jasmine and Karma for Angular JS and Node.js.**
* Design and develop applications on **the OpenShift Container Platform**
* Comprehensive knowledge of databases **like MySQL, SQL Server, DB2, and Oracle, including writing** triggers, stored procedures, and performing database normalization.
* Expertise in database modeling, administration, and development using **SQL and PL/SQL in SQL Server environments.**
* Exceptional troubleshooting and problem-solving skills with Client-Server Applications and Web Applications.
* Designed **Use Case Model, Use Case Diagrams, Class Diagrams, and sequence diagrams.**
* Proficient in using issue tracking tools such as **Quality Center and JIRA.**

**EDUCATION**

* **Bachelors from West Bengal University India, 2007.**

**TECHNICAL SKILLS**

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| --- | --- |
| Languages | Java (J2SE1.8/1.6/1.5, J2EE 6/5), SQL, PL/SQL, UML,  |
| Technologies | JSP2.1/2.0/1.2, Servlets2.x, JavaBeans, JDBC, Struts2.x/1.x, RMI, EJB3.0/2.1, Hibernate3.x/2.x, Spring 3.0, Spring 4, SOA, SAX and DOM Parsers, AJAX, JAXB2.1/2.0, JAXP1.x, LDAP, Sybase Power Designer, RESTful and SOAP web services |
| Web Technologies | HTML/DHTML, XHTML1.1, JavaScript1.x, XML1.0, XSL, XSLT, CSS, Bootstrap, Angular-JS, jQuery  |
| Development Tools (IDEs) | Eclipse3.2/3.0/2.1.1, MyEclipse6.0/5.1.1, RAD7.0/6.0, WSAD5.x/ 4.x, NetBeans3.3, MS Visual Studio 2005, Brackets and Web storm |
| Web/Application Servers | Tomcat 7.x/6.x/5.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 8.x/7.x/6. x. |
| Data Base | Oracle 11g/10g/9i/8i, MS SQL Server 2005/2000, MySQL5.1/4.1, DB2 9.1/8.1/7.2, Mongo DB. |
| Platforms | Windows, UNIX, LINUX |
| Methodologies | Agile Methodology, RUP, Extreme Programming |
| Build Tools | Rational Rose, CVS, GIT, SVN, VSS, Clear Case, JIRA, Jenkins, JUnit, TestNG, Selenium, Cucumber, Beehive, Mockito, IBM MQ, Log4j, ANT, Maven, Gradle, EC2, VPC, SNS, SQS. |

**PROFESSIONAL EXPERIENCE**

**Client:Optum, Mountain House, CA Duration: July 2023 – Till Date**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in reviewing business requirements and functional designs for application and participated in creating Wire Frames.
* Involved in Agile process, bi-weekly Sprints, and daily Scrums to discuss the development and **achieve TDD (Test driven development approach).**
* Worked with **Angular 11 Flex Layout that provides a sophisticated layout API using Flexbox CSS and media Query. Developing single page application by using Covalent open-source framework, which is built on Angular 9, Angular-cli,**
* Implementation of the design wireframe using Angular and creating services and exposing it to the backend which runs on **Spring Boot**. Here we also have another layer that makes use **of NodeJS mainly used for authentication, authorization and session maintenance.**
* Developed UI application initially using Angular and made use of customized components.
* Built with **TDD Redux/React.js and ES6 frontend, node.js backend.**
* Manage application containers using Docker and OpenShift
* Extensive experience developing applications **using Java 11 and JDK 11**
* Implemented Micro-Services based Cloud Architecture using Spring Boot.
* Working Experience in Messing Platforms such as **RabbitMQ, Kafka, AWS SQS. Open Shift and Red Hat Rules Engine.**
* Hands-on knowledge of integration of Tridion with different technologies such as **Java, ASP.NET, HTML, and JavaScript**
* Proficient in using **Core Java such as OOPs, Collections, Generics, Exception Handling, etc.**
* Strong experience in using GIT version control systems such as GitHub, Bitbucket.
* Developed **AWS S3 to copy project artifact into S3 bucket.**
* Experienced in using **Java 8 streaming and lambda expressions for efficient data manipulation and processing.**
* Experienced in using **Java 8 and Java 11 frameworks such as Spring, JPA, Hibernate, and Struts.**
* Manipulated data using **CRUD operations of MongoDB database management system and handled database access using Node JS.**
* Created sessions for Login user and setting session timed out for the entire UI application.
* Strong understanding on client-side application and very good at attaining the architectural design for **MVC using directives, promises and pipes.**
* Experience in Server infrastructure development **on AWS Cloud, extensive usage of, Elastic Beanstalk, Dynamo DB, S3, Route53, SNS, and SQS.**
* Ran Log aggregations, website Activity tracking and commit log for distributed system **using Apache Kafka.**
* **Experience in working with Tridion Web Services and Tridion Core Service.**
* Expertise in using **Java 8 Date/Time API for managing date and time operations.**
* Involved in innovation of the current UI to make an implementation under mobile device access using cross platform technologies such as Ionic which helps in improving the business.
* Involve in development, design and implementation of the front-end application using **HTML5, CSS3, AJAX, Bootstrap.**
* Developed RESTful Web Services with **JAX-RS using Spring Boot and Micro Services Architecture**.
* Experienced with **SQL ORACLE, MongoDB, HTML/CSS, Java and JavaScript, JDBC, JNDI, JMS, Hibernate, xml, Unix/Linux, Maven, Git, SPA, Node.js, Postgre SQL, Taglibs**
* Deployed the application on **Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.**
* Experienced in **developing core Java applications using JDK 8 and JDK 11**
* Experienced in **APL tools like POSTMAN and Swagger.**
* Made use of Reactive Forms using Angular where most of the validation is done using component rather than using template-driven which provides in HTML5.
* Mainly involved in deployment activities **CI/CD deployment and familiar with OSE (Openshift origin). Also** made changes in Jenkins Files as per the requirement of the pipeline.
* Involved in web services design and development. Responsible for creating and consuming web services using **REST and XML.**
* Proficient in developing **RESTful web services and microservices using Java 8.**
* Implemented **JavaEE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.**
* Demonstrated ability to create and **maintain Java 11 unit tests**
* **Used Angular 11** and Confidential Covalent UI as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Involved in implementing the complete Application in the in-build MVC Architecture with Angular 8.
* Developed Angular 9 material responsive web application pages using Angular 9 -Material services, controllers and directives for front end UI and consumed RESTful web service API.
* Developing CSS Style for web page using SCSS Structure and also implemented routing and SPA application using Angular 8.
* Configure backup, alerts, repairs and monitoring of **Cassandra clusters using** OpsCenter.
* Administered, monitored, and maintained multi data-center **Cassandra cluster** using OpsCenter and Nagios in production.
* Used MongoDB internal tools like **Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager etc.**
* Worked on MongoDB database concepts such as locking, transactions, indexes, sharding, replication and schema design.
* Utilized MT/MX messages to established a highly efficient and secure system for transmitting critical financial information between our institution and other financial entities.
* Used **AWS Beanstalk** for deploying and scaling web applications and services developed with Java.
* Used **GitHub and Gitlab, private and public repo for version controls and JIRA for defect tracking.**
* Worked with Docker containers, running/managing containers, containers snapshots and managing image.

**Environment**:  : Java 11, JDK 8 and JDK 11,java 8,AWS,GIT,GitHub,Bitbucket,Openshift,JavaScript, HTML5, CSS3-LESS, AJAX, Bootstrap,jQuery, Spring Security, Rabbit MQ, Node JS,React, Express JS, HTML5, Bootstrap, Site Minder, Hibernate, OIDC, Jenkins, Log4j, MongoDB, Mongoose Connector, Oracle, JBoss, Elastic search, EBS, Elastic Load Balancer, Docker, Apache tomcat, Mockito, Junit, mock MVC, Kubernetes HTML 5, CSS 3, JavaScript, Angular 11/9/8, Angular-Material, Node.js, Express, MongoDB, SCSS, FLEX-BOX, DOCKER, APP CENTER, HTTP Module, Http Client Module, MEAN STACK, NPM, Grunt, underscore.js, require.js, crypto.js, passport.js.

**Client: Cigna, Mountain House, CA Duration: Dec 2022 – June 2023**

**Role: Full Stack Developer**

**Responsibilities:**

* Designing and programming system-level software, **especially for micro services-based APIs and API endpoint implementation.**
* Cloud native frameworks (specifically pivotal technologies), database systems, and relevant programming languages.
* Implemented Router Module of **Angular 7 to make the whole project a Single Page Application and add routers according to the requirements.**
* Worked on some of the new features of **Angular 7 like new if else syntax, ng-templates, form validators, Router etc.**
* Designed and developed user interfaces using **Spring MVC Framework, Spring Boot, Hibernate, JSP, HTML5 , CSS3, Java Script, Angular JS and React JS .**
* Experienced on spring framework applications like Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security, and Spring Boot and did integration to Microservices into the existing system architecture.
* Using **REST APIs with JAX-RS to consume Web Services, to handle two interfaces, XML and JSON.**
* Responsible for creating web-**based applications using Node.js, and Redux workflow.**
* Knowledge of **the Java 11 garbage collection algorithms and performance tuning**
* Writing Technical design document with the class, sequence, and activity diagrams in each use case.
* Implemented User Interface and integrated with backend code, Node JS as server side technology.
* Collected and Analyze data using Hadoop big data analytic tools Kafka, Spark Stream, including Azure Storage tools, Spring Boot
* Familiarity with Tridion content delivery web services.
* Develop custom automation solutions to improve the OpenShift experience
* Designed, built, and deployed a multitude application utilizing almost all of AWS stack (Including EC2, S3, Dynamo DB, SQS and EMR), focusing on high-availability, fault tolerance, and auto-scaling.
* Used ES6 and JSX with React for component development. Used Babel to compile JSX and Es6 into JavaScript.
* Skilled in developing distributed applications using the concepts of containerization (Docker) and orchestration (Kubernetes).
* Designed and developed Micro Services business components using Spring Boot.
* Expertise in developing web-based applications using Java 8 web technologies such as JSF, JSP, and Servlets.
* Expert in Core Java with strong understanding of Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS and Generics.
* Excellent work experience with Version Control Tools such as VSS, SVN and GitHub.
* Experienced in developing RESTful web services using Spring Boot and JPA.
* Worked in building the proof of concept for redesign of the collection agent portal to micro services, Spring boot and Angular.
* Designed and developed the rest services for the auto trigger of the emails notifications from EC application.
* Good understanding of Tridion publishing process and Tridion workflows.
* Build Kafka/RabbitMQ in AWS and implemented Producer Web services to process the messages to/from Queue.
* Collaborated on responsive **front-end development using React, Node.JS, JavaScript and coffee script with DevOps development principles**.
* Integrated **Open stack API with Amazon EC2 cloud-based architecture in AWS.**
* Hands-on **experience with developing RESTful web services**
* Expertise in developing applications using Spring Boot and its related technologies
* Monitor application **performance and availability using OpenShift tools**
* Experience in developing **MicroServices using Spring-Boot.**
* Integrated O**pen stack API with Amazon EC2 cloud-based architecture in AWS.**
* Responsible for Continuous **Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.**
* Proficient in writing unit and **integration tests for micro services**.
* Ability to **debug and troubleshoot code written in Java 8 and Java 11**
* Wrote oracle Stored **Procedures for data and integration with java.**
* Had knowledge on **Kibana and Elastic search to identify the Kafka message failure scenarios.**
* **Extensive experience in deploying, managing and developing MongoDB clusters.**
* Experience in creating **JavaScript for using DML operation with MongoDB.**
* Built **Cassandra Cluster on both the physical machines and on AWS**
* Designed and **developed the REST based Micro services using the Spring Boot.**
* Created RFP Micro service to provide **RESTful API utilizing Spring Boot with Microservices.**
* Working Knowledge **in EC2 by creating snapshots, volumes and security groups for public and private instances.**
* **GIT used** for defects, change tracking across the application.

**Environment**: , Java.8,Openshift, J2EE, HTML5, CSS3, jQuery, Ajax,React, Rest API, Bootstrap, JavaScript, AngularJS, JSP, NodeJS, Hibernate, Spring Framework, Spring MVC, Spring IOC, Spring boot, spring security, spring Eureka, OAuth, JAX-RS, GIT, JUnit, Maven, Restful,Big Data Amazon Web Services (AWS), Micro Services, Mongo DB, WebSphere, JIRA, Jenkins, Spring Tool Suite, DevOps (CICD).SOAP, XML, Angular 7/6, Spring, Spring Boot, Spring MVC, Docker, Confluence, Git, Jenkins, Kubernetes, Maven, Kafka, JBoss, Apache Tomcat, ActiveMQ, Splunk, POSTMAN.

**Client: Freddie Mac, Mountain House, CA Duration: June 2022 – Nov 2022**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in the Software Development Life Cycle (SDLC), Requirements gathering, Design, Code, Integration, and Deployment and production phases.
* Built Restful web services using Node JS and Express JS and used a full complement of Express.
* Created Typescript reusable components and services to **consume REST API's using Component-based architecture provided by Angular 7/6.**
* Created and consumed **RESTful API using Express.js to provide centralized logic and reusable data retrieval build on top of Node.js.**
* Hands on experience in developing and deploying micro services using **Java, Spring Boot, RESTful web services and Spring Cloud.**
* Involved in gathering and analyzing business requirements and converting them into technical specifications.
* **Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers.**
* Knowledge of version control systems **such as Git and SVN**
* Familiarity with **Java 11 development tools such as Eclipse and IntelliJ**
* Experienced **in using Java 8 frameworks such as spring, Hibernate, and Struts.**
* Designed and implemented the **artifactory download of the software to the client system directly from the repository to the client system using the Curl.**
* Implemented various restful services for the customer to check the status of the software.
* Developed various reusable Helper and Utility classes, which are used across all the modules of the application
* Proficient in using **Java 8 development tools such as Maven and Ant.**
* Experienced in developing applications using **Object-Oriented Programming (OOP) techniques.**
* **Experienced in using build automation tools such as Maven and Jenkins.**
* Extensively worked on integrating micro services with external services like **RabbitMQ, Apache Kafka, and MongoDB.**
* Closely worked with Kafka Admin team **to set up Kafka cluster setup on the QA and Production environments.**
* Developed, implemented unit test cases and integration test cases using chai and mocha.
* Use Selenium for creating the web-based test automation suite and perform functional testing.
* We hosted all our micro services in **AWS** cloud infrastructure **using Jenkins CI/CD pipelines.**
* Used Pivotal Cloud Foundry to quickly build, deploy and update the applications and managed Pivotal Cloud Foundry based platform built **on Kubernetes programming with deployment manager and containerized using Docker.**

**Environment**: Java, HTML5, CSS3, Typescript, REACT JS, REDUX Chai, Angular 7/6, Spring, Mocha, Git, NPM, YARGS Grunt, Bower, Spring Security (JWT), MongoDB, Kafka, Node.js, Express, Jetty Server, AEM, Kubernetes, Docker, AWS, EC2, Jenkins, Splunk, Git, Pivotal Cloud Foundry, Selenium.

**Client: Nationwide, Scottsdale, AZ Duration: July 2021 – June 2022**

**Role: Full Stack Developer**

**Responsibilities:**

* Designed and Developed UI for Customer Service Modules and Reports using Angular1.5, HTML5, CSS3, Bootstrap3, JavaScript and jQuery.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Configured Queues and Topics as part of application integration and defined Camel routing between queues/topics.
* Mainly responsible for developing Restful API using spring framework. Developed different controllers that return the response both in JSON and XML based on the request type.
* Web Services in JAXP based on SOAP protocols using XML and XSLTW and created data sources with JDBC.
* Used CSS3 for de scribing the presentation of Web pages, including colors, layout, and fonts. Validations for the Client Side were done using JavaScript.
* Maintained 24/7 high volume availability demands using open-source tools such as Linux, Apache, PHP, and MySQL.
* Developed real time tracking of class schedules using Node JS (socket.io based on socket technology, Express JS framework).
* Created data model for structuring and storing the data efficiently and implemented partitioning and bucketing of tables in Cassandra.
* Involved in securing API proxies using various mechanisms like API key, Spring OAuth, LDAP, content protection policies in Apigee Edge.
* Developed application using Spring MVC- Implemented Various Controllers, used spring's component-scan and auto wiring functionalities.
* Developed views using Bootstrap components, Angular-UI and involved in configuring routing for various modules using angular UI router.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Configured Oracle connection pool, which is included in Oracle JDBC driver JAR file, to allow concurrent access to the database and optimize performance.

**Environment**: JAVA, JSP, Servlet, EJB, Spring, JavaScript, Hibernate, UML, jQuery, Struts, Eclipse, Apache, Oracle ECM, Struts, Web service, SOAP, ILOG, AWS, ETL, Web, LDAP, Kafka, Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, Web logic, Junit.

**Client: CSE, Walnut Creek, CA Duration: Feb 2018—July 2021**

**Role: Software Developer**

**Responsibilities:**

* Responsible for building and executing company strategy for insurance platform including policy and claims management systems.
* Work as part of a small agile development team developing using Java and other web technologies.
* Write unit and integration tests for Java code.
* Design, in collaboration with team, the software implementations, which includes implementing extensible Java classes to support a growing feature set demand on the policy management system.
* Participate in the design/architecture of new solutions, create design specifications, program to specifications.
* Construct technical plans and coordinate on function requirements activities with BAs.
* Collaborate with QA in development of test cases for Java code.
* Collaborate with product owners on user story generation and refinement.
* Participate in the buildout and support of the Amazon Web Service (AWS) platform for policy management system.
* Analyze system software changes and their impact on production systems.
* Monitor and support operation of production systems where necessary.
* Participate in knowledge sharing activities with colleagues.

**Environment**: Java, JSF, Web sphere, WSAD, Teradata, JSP, Servlets Jax WS, SoapUI, Test cases.

**Client: Guidewire, San Jose, CA Duration: Sep 2014—Feb 2018**

**Role: Full Stack Developer**

**Responsibilities:**

* Working as a full stack developer to support backend and frontend as well. Built with TDD Redux/React.js and ES6 frontend, node.js backend.
* Manage application containers using Docker and OpenShift
* Extensive experience developing applications using Java 11 and JDK 11
* Implemented Micro-Services based Cloud Architecture using Spring Boot.
* Working Experience in Messing Platforms such as RabbitMQ, Kafka, AWS SQS. Open Shift and Red Hat Rules Engine.
* Hands-on knowledge of integration of Tridion with different technologies such as Java, ASP.NET, HTML, and JavaScript
* Proficient in using Core Java such as OOPs, Collections, Generics, Exception Handling, etc.
* Strong experience in using GIT version control systems such as GitHub, Bitbucket.
* Developed AWS S3 to copy project artifact into S3 bucket.
* Experienced in using Java 8 streaming and lambda expressions for efficient data manipulation and processing.
* Experienced in using Java 8 and Java 11 frameworks such as Spring, JPA, Hibernate, and Struts.
* Manipulated data using CRUD operations of MongoDB database management system and handled database access using Node JS.
* Created sessions for Login user and setting session timed out for the entire UI application.
* Strong understanding on client-side application and very good at attaining the architectural design for MVC using directives, promises and pipes.
* Experience in Server infrastructure development on AWS Cloud, extensive usage of, Elastic Beanstalk, Dynamo DB, S3, Route53, SNS, and SQS.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Experience in working with Tridion Web Services and Tridion Core Service.
* Expertise in using Java 8 Date/Time API for managing date and time operations.
* Involved in innovation of the current UI to make an implementation under mobile device access using cross platform technologies such as Ionic which helps in improving the business.
* Involve in development, design and implementation of the front-end application using HTML5, CSS3, AJAX, Bootstrap.
* Developed RESTful Web Services with JAX-RS using Spring Boot and Micro Services Architecture.
* Experienced with SQL ORACLE, MongoDB, HTML/CSS, Java and JavaScript, JDBC, JNDI, JMS, Hibernate, xml, Unix/Linux, Maven, Git, SPA, Node.js, Postgre SQL, Taglibs
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Experienced in developing core Java applications using JDK 8 and JDK 11
* Experienced in APL tools like POSTMAN and Swagger.
* Made use of Reactive Forms using Angular where most of the validation is done using component rather than using template-driven which provides in HTML5.
* Mainly involved in deployment activities CI/CD deployment and familiar with OSE (Openshift origin). Also made changes in Jenkins Files as per the requirement of the pipeline.
* Involved in web services design and development. Responsible for creating and consuming web services using REST and XML.
* Proficient in developing RESTful web services and microservices using Java 8.
* Implemented JavaEE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.
* Demonstrated ability to create and maintain Java 11 unit tests
* Worked with the KeyClock to manage the different user and different roles.
* Worked with the Jhipster to generate and manage the project from the scratch.
* Worked with the PostgreSQL for the database management.

**Environment:** Java 11, JDK 8 and JDK 11,java 8,AWS,GIT,GitHub,Bitbucket,Openshift,JavaScript, HTML5, CSS3-LESS, AJAX, Bootstrap,jQuery, Spring Security, Rabbit MQ, Node JS,React, Express JS, HTML5, Bootstrap, Site Minder, Hibernate, OIDC, Jenkins, Log4j, MongoDB, Mongoose Connector, Oracle, JBoss, Elastic search, EBS, Elastic Load Balancer, Docker, Apache tomcat, Mockito, Junit, mock MVC, Kubernetes.

Jhipster, Spring Boot, VueJs, KeyClock, PostgreSQL.

**Client: IHG, Atlanta, GA Duration: March 2014—Aug 2014**

**Role: Full Stack Developer**

**Responsibilities:**

* Was working on the production side to support the live issues and migrate the Zenkey to AM.
* Working as a backend developer to manage the rest services and mostly doing the RCA and fixing the live defects.
* Responsible for Continuous Integration **(CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.**
* **Proficient in writing unit and integration tests for micro services.**
* Ability to **debug and troubleshoot code written in Java 8 and Java 11**
* Wrote oracle Stored Procedures for **data and integration with java.**
* Developed test cases **using Mockito and Junit.**
* Did automated **API testing using Postman.**
* Did the application support on different environments from **QA to Production. Was responsible for analyzing the issues**.
* Expertise in **developing applications using Java technologies such as Java 8, Spring Boot, Hibernate, and JPA.**
* Strong knowledge of **object-oriented programming, design patterns, and software development best practices.**
* Knowledge of **software engineering practices and methodologies such as Agile, Test Driven Development (TDD) and Continuous Integration (CI)**
* Analysis and design to provide solutions for storing useful data to integrate java with big data technologies. Thereby **doing POC and implementing solution based on POC.**
* **Knowledge of the Java 11 garbage collection algorithms and performance tuning**
* Writing Technical design document with the class, sequence, and activity diagrams in each use case.
* Implemented User Interface and integrated with **backend code, Node JS as server side technology.**
* **Collected and Analyze data using Hadoop big data analytic tools Kafka, Spark Stream, including Azure Storage tools, Spring Boot**
* **Familiarity with Tridion content delivery web services.**
* Develop custom automation **solutions to improve the OpenShift experience**
* Designed, built, and deployed a multitude application utilizing almost **all of AWS stack (Including EC2, S3, Dynamo DB, SQS and EMR), focusing on high-availability, fault tolerance, and auto-scaling.**
* **Used ES6 and JSX with React for component development. Used Babel to compile JSX and Es6 into JavaScript.**
* Skilled in developing **distributed applications using the concepts of containerization (Docker) and orchestration (Kubernetes).**
* **Designed and developed Micro Services business components using Spring Boot.**
* Expertise **in developing web-based applications using Java 8 web technologies such as JSF, JSP, and Servlets.**
* Expert in **Core Java with strong understanding of Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS and Generics.**
* Excellent work experience with Version Control Tools such as **VSS, SVN**and**GitHub.**
* **Experienced in developing RESTful web services using Spring Boot and JPA.**
* Worked in building the proof of concept for redesign of the collection agent portal **to micro services, spring boot and Angular.**
* Designed **and developed the rest services for the auto trigger of the emails notifications from EC application.**
* **Good understanding of Tridion publishing process and Tridion workflows.**
* Build **Kafka/RabbitMQ in AWS and implemented Producer Web services to process the messages to/from Queue.**
* Collaborated on responsive front-end development using **React, Node.JS, JavaScript and coffee script with DevOps development principles.**
* **Integrated Open stack API with Amazon EC2 cloud-based architecture in AWS.**
* Hands-on experience with **developing RESTful web services**
* Expertise in developing applications **using Spring Boot and its related technologies**
* Monitor application performance **and availability using OpenShift tools**
* Experience in developing **MicroServices using Spring-Boot.**
* Integrated **Open stack API with Amazon EC2 cloud-based architecture in AWS.**
* Worked with the LDAP and Casandra to manage and store the data from the different sites.
* Worked with Kafka to manage the different streaming data pipelines.
* Worked with Jenkins to continue deployment to fix the live issues and mitigate downtime.

**Environment:** Agile Methodology, Java.8,Openshift, J2EE, HTML5, CSS3, jQuery, Ajax,React, Rest API, Bootstrap, JavaScript, AngularJS, JSP, NodeJS, Hibernate, Spring Framework, Spring MVC, Spring IOC, Spring boot, spring security, spring Eureka, OAuth, JAX-RS, GIT, JUnit, Maven, Restful,Big Data Amazon Web Services (AWS), Micro Services, Mongo DB, WebSphere, JIRA, Jenkins, Spring Tool Suite, DevOps (CICD).

**Client: Fuse Box, India Duration: April 2010 —Jan 2014**

**Role: Full Stack Developer**

**Responsibilities:**

* Closely worked with Salesforce CRM team and Java development, building RESTful webservices, and Apigee.
* Designed and **implemented the artifactory download of the software to the client system directly from the repository to the client system using the Curl.**
* Implemented various restful services **for the customer to check the status of the software.**
* **Developed various reusable Helper and Utility classes, which are used across all the modules of the application**
* **Proficient in using Java 8 development tools such as Maven and Ant.**
* **Experienced in developing applications using Object-Oriented Programming (OOP) techniques.**
* **Experienced in using build automation tools such as Maven and Jenkins.**
* **Extensively worked on integrating micro services with external services like RabbitMQ, Apache Kafka, and MongoDB.**
* Worked on the various performance issue by doing code refactor.
* **Involved in the GIT configuration**.
* Did the application support on different environments from QA to Production. Was responsible for analyzing the issues.
* SOAP/REST concepts and building APIs in Spring Boot in SOAP and WSDL design, REST service design, and Spring Web Service Spring Security, JWT, and OAuth
* Experience building enterprise applications using Java.
* Experience creating APIs and web services using Representational State Transfer (REST) software architectural style. **Hands on experience in developing and deploying micro services using Java, Spring Boot, RESTful web services and Spring Cloud.**
* Involved in **gathering and analyzing business requirements and converting them into technical specifications.**
* **Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers.**
* Knowledge of version control **systems such as Git and SVN**
* Familiarity with **Java 11 development tools such as Eclipse and IntelliJ**
* Experienced in using **Java 8 frameworks such as spring, Hibernate, and Struts.**
* Coaching other software developers to improve software development and follow best practices.
* Worked with Java testing frameworks (Junit, Mocks, etc).
* Developed, enhanced, maintained, and tested web applications while resolving glitches to ensure zero defects
* Designed an ideal approach for data movement from different sources to HDFS via
* Apache/Confluent Kafka
* Working as a full stack developer to manage the frontend-backend.
* Worked with Node JS to create the REST API on the backend side and worked with the Prisma-based Postgresql Database to store the data. Node JS and NPM modules
* Designed an ideal approach for data movement from different sources to HDFS via

Apache/Confluent Kafka

* Implemented the Vue JS UI to interact with the backend API.
* Was mainly working with the Import/Export feature to Upload/Download the data.
* Used Docker, and Docker Compose to containerize and deploy full-stack applications

**Environment**: Docker, Proxy(Envoy), Vue/Nuxt Js,PostgreSQL, Key cloak, Jaeger,Java8, Java 11, J2EE, HTML, CSS, JavaScript, Servlets, JSP, XML, Hibernate, Spring, Spring Framework, Spring Boot, Spring Security, Spring MVC, Tortoise SVN, JDBC, Maven, Tomcat Server, JMS, AngularJS, AJAX, AWS, SOA, Soap, Restful, WSDL, JIRA, Log4J, JUnit, Linux, STS, Oracle, Agile Methodology

**Client: PHH Mortgage, India Duration: July 2009 —Mar 2010**

**Role: Software Engineer**

**Responsibilities:**

* Implemented the GUI features for the DNS-C tool to interact with REST API calls.
* Enhanced DNS-C GUI screens using HTML, CSS, jQuery, and JavaScript for Client-side validation in JSP pages.
* Worked with Asynchronous AJAX calls to avoid the screen locks while REST API calls are made.
* Implemented React-Router for Single Page Application.
* Used Clear case for maintaining the project documentation and code.
* Implemented object/relational persistence using Hibernate for the domain model. Developed hbm files, Entity classes using annotations and used HQL to query the Database.
* Development of application using J2EE, EJB, Hibernate, Web Services (SOAP), MySQL, Ant technologies
* Hands on experience with data persistency using Hibernate and EJB
* Involved in implementation of enterprise integration with Web Services and Legacy Systems using SOAP.
* Moving existing monolithic architecture to micro services and migrating them to AWS cloud
* Responsible configuring Log4j configuration for the application
* Have done Database integration using SQL queries and developed Junit using Mockito test cases to test various Java components
* Migrated REST API code from ADF to JDBC using Jersey Framework with Singleton pattern.
* Implemented security features with major and minor enhancements in the code for every quarterly code scan found vulnerability issues in DNS Customer Self-Provisioning Tool.
* Connected to data Sources and performed operations using Spring Data Framework features like Spring JDBC and Spring ORM and implemented JAVA EE components using Spring MVC.
* Implemented REST Microservices using Spring Boot.
* Managed WebLogic operations by deploying the applications in different environments and configuring E-mail notifications using WLDF for stuck threads with thread dumps in WebLogic.
* Database operations experience with oracle and Informix.
* Identified vulnerability issues using POSTMAN and Python requests for API Test with
* server-side validations and implemented filters using java for Cross-site Scripting, Cross-Frame Scripting, Web Server Misconfiguration, Cookie Security, and many other vulnerability issues.
* Worked on monitoring the packet transfers using snoop in Solaris.
* Worked with SVN and was involved in the GIT Migration process.
* Used iTrack to keep track of application issues and increase productivity.

**Environment**: HTML/HTML5, CSS/CSS3, JavaScript, React JS, jQuery, AJAX, Java 1.7, ADF,

Spring MVC, Spring Security, Micro services, REST,Informix DB, WebLogic Server, Linux,GIT,iTrack.

**Client: Travelport AMEX, India Duration: Mar 2009-April 2009**

**Role: Java Developer**

**Responsibilities:**

* Designed and developed **UML** Diagrams, Use cases, Class, Sequence and activity Diagrams.
* Architecting and designing of using Flex for creating Front End and **Java** for server side to process business logic.
* Developed user interface with JSP and used JSP Tag libraries to simplify the application complexity.
* Identified and resolved programming issues, Servlets and EJBs performance tuning opportunities.
* Developed Service **(EJB)** components for middle tier component implementation and implementation of business logic and Inter communication between components is developed by using XML.
* Migration of **Web Sphere** application server to **Tomcat** application and used **Eclipse IDE** and deployed the application on **TOMCAT** server.
* Developed dynamic and interactive we based applications using **HTML**, **CSS** and **JavaScript** languages.
* Implemented Persistence layer using **Hibernate** to interact with the MySQL database and performed CRUD operations.
* Used web logic as the app server for deploying the applications and Used **JDBC** as the data access layer connecting to Oracle DB.
* Configured the **XML file** for spring security injection to ensure the back-end security by discriminating the role of users as well as access authority for the URIs and server-side assets.
* Implemented **Spring MVC**, which includes writing Controller classes for handling requests, processing form submissions and performed validations using Commons validator.
* Involved in developing interface for web pages like user registration, login, registered access control for users depending on logins using **HTML and** **JavaScript/DOJO**.
* Created and consumed **SOAP based Web services** and used SOAPUI to send and receive XML data and Worked with JMS Queues for sending messages in point-to-point mode.

**Environment:** Java, Servlets, JSP, JMS, Struts, HTML5, CSS, JavaScript, Oracle 10g, Junit, SOAP, SOAPUI, XML, BEA web logic, SQL, Hibernate, Spring, Oracle 11g.

**Client: Travelport GDS, India Duration: Dec2008-Mar 2009**

**Role: Software Engineer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC).
* Used **Apache POI** to generate **CSV** reports.
* Used Collection Framework and Multithreading for performance improvement.
* Proven experience with Application Servers like **Tomcat**.
* Integrated with Alfresco using **API** for document management and versioning.
* Designed and developed the UI using **JSF** and Rich Faces view components **HTML 5, CSS 3, JSP, JavaScript & JSON.**
* Used Maven for compilation, building JAR & WAR files & Used **Log4j** utility to generate logs.
* Designing, Development, JUnit testing of many components of the applications from end-to-end.

**Environmen**t: Java, JSF, Spring, Hibernate XML, Alfresco, MySQL, Ant, Log4j, Tomcat, Apache POI

**Client: Travelport GTA, India Duration: Mar 2008—Dec 2008**

**Role: Java Developer**

***Responsibilities:***

* Developed the User interface using Front-end technologies **such as HTML, CSS, JavaScript, jQuery, and Bootstrap.**
* Developed applications using various design patterns in the project such as Business Delegate,
* Data **Transfer Object, Data Access Object, Service Locator and Singleton.**
* Responsible for developing the web-based admin portal to search the table for messages, view message details, facilitate manual adjustments.
* Developed **CDW core application to process claims, send messages to affiliates with claim information, and update the affiliates with HSA balance information, handle reversals and adjustments using Core Java, Spring** IOC, and Hibernate DAO to maintain persistence and XML for Hibernate mapping.
* Developed CDW batch processing mechanism to process batch files and convert the records to messages for processing by implementing multi-threading concepts, JMS, MQ and Spring batch framework.
* Worked extensively with Ajax and jQuery to dynamically load the content into web pages without reloading the pages.
* Built & deployed scripts **using ANT build tool and used Log4J for debugging of the code.**
* Developed and implemented JSP custom tags for handling cross-side scripting errors.
* Developed middleware service components and DAO components using Spring Framework and Hibernate
* Developed SQL scripts and PL/**SQL stored procedures for querying, populating, and retrieving data from SQL Server.**
* Worked with Spring Interceptors to validate web service requests and send notifications to the subscribers.
* Used SOAP UI tool to generate **request XMLs from WSDL to test the responses**.
* Implemented Hibernate ORM and performed mapping of object classes to the corresponding database tables.

**Environment**: Java 1.7, Hibernate, Servlets, jQuery, JSP, Hibernate, Oracle, AJAX, HTML, CSS, Bootstrap, XML, ANT, Log4J, Maven, PL SQL, CVS, Windows, Linux, Net Beans, Apache Tomcat, SVN, MVC.