**Batchu Prakash**

**Full stack Java Developer**

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PROFESSIONAL SUMMARY:

* **Around 9 + years of experience in delivering** enterprise solutions in conceptualizing, designing, and coding technical solutions using **Java/J2EE** and **UI** technology stacks to satisfy peculiar and complex business problem statements.
* Experienced in all periods of **Software** **Development** **Life** **Cycle** (**SDLC**) including **Analysis**, **Designing** and **Developing**, Debugging, Support, Integration, Maintning and **Enhancements** of **Java/J2EE** Applications.
* Working on **spring boot, Spring Rest** template to develop application-level **Micro services** and Hands on contribution with **Struts, Hibernate** and JPA structures.
* Working broadly in Model View Controller (**MVC**) designing for web improving utilizing **JSF, Struts and Spring MVC,** JSP, JavaBeans and Servlets.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping **Java** **8** classes using **Hibernate Query Language** (**HQL**), **HSQL** Named Queries, Criteria, and Projections.
* Proficient in implementation of **frameworks** like **Struts 2.x/1.x, Spring4/5, EJB3.2, JSF** and **ORM** frameworks for persistence like **Hibernate**, JPA**.**
* Expertise in Front-End Developing using **Angular6/7, Node JS, React JS, Backbone JS,** Perl, Groovy, JavaScript**, Express-JS,** j Query, Jasmine, Ext-JS, Grunt, AJAX, XML, JSON, XSLT, CSS3, HTML5, XHTML, Bootstrap**.**
* Strong experience in Front-End UI developing skills using scripting languages like **HTML5, DHTML, CSS, JavaScript, JSON, AJAX, Angular JS,** Bootstrap, j Query with Standard Validations.
* Extensive experience in **Java, J2EE** technologies such asServlets, JSP, Struts, **Spring, Hibernate**, Swings, Applets, JSF, EJB, JPA, RMI, JMS, JNDI, Ibatis, Web Services, JMS, JSTL, JDBC, Multi-Threading etc**.**
* Designing and creating business applications utilizing JSP, Servlet, EJB, JSF, JMS, JDBC, Spring, Struts**, Hibernate, SOAP and REST API** administrations.
* Strong knowledge of **Google Cloud** application security models, protocols and tools like AWS IAM, AWS KMS policy, Microsoft **Azure AD**, Google Cloud
* Extensively using **Jenkins** as Continuous Integration tools to deploying the Spring Boot Micro services to **Pivotal Cloud Foundry** (**PCF**) using building pack.
* Experience in creating **Docker** Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
* Possessing good interpersonal skills appl **Kubernetes** in coordinating various teams like developing team, QA team and support team as required
* Extensively working on **XML** technologies like **XML**, **XSL, XSD, XSLT, XQuery, XPath** and **DTD** in Using a **Micro service** architecture, with **Spring Boot-**based services interacting through **REST** and **Apache Kafka**.
* Experience in bash and **Python** scripting with focus on DevOps tools, **CI/CD and AWS** Cloud Architecture configuring and deploying the applications into **Tomcat, Nginx, Web Sphere, Web Logic,** and **J boss.**
* Successfully researched and applied Linux configuration changes, and custom bash scripts.
* Knowledge of a scripting language (Groovy, BASH, Python, PowerShell)
* Good practical knowledge in Linux/Unix tools and scripting (Perl, ksh/bash and Autosys)
* Unix/Linux commands and Korn/Bash shell scripting
* UNIX/Linux skills, Bash scripting experience
* Scripting experience with Linux/bash
* Enough Knowledge of Data Access Object (**DAO**) case to display a reflection layer between the Business reason level (Business address) and the Persistent stockpiling level (data source).
* Experience in implementing **J2EE** designing patterns such as **MVC,** Singleton, Factory, Adapter, Service Locator Session Facade, DAO, DTO, and **Business Delegating** in the developing of Applications.
* Hands on enough experience in developing building tools like **Maven** at **SQL**/**No SQL** databases systems like **Sybase, Oracle, SQL Server, MySQL, DB2, Mongo DB** using mechanical assemblies like **SQL Navigator, Toad for performing SQL and PL/SQL programming**.
* Proficient in composing and taking care of **SQL Queries, PL/SQL**, Storing Procedures and Triggers measure of involving in **J2EE** Testing in creating experiments with J Unit for Unit testing, and logging utilizing **Log4j.**
* Experienced working in conditions utilizing **Agile** (**SCRUM**) and **Waterfall** improving philosophies sent **Amazon Web Services (AWS**) for a substantial number of uses using the Amazon cloud arranging.
* Experienced in Developing, testing, and deploying of enterprise applications on Windows & UNIX platforms using **IDEs** such as **Eclipse, Rational Application Developer (RAD), Net Beans, and IntelliJ**.

TECHNOLOGIES:

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| --- | --- |
| **Programming Languages** | C, C++, Java 1.5/1.7/1.8, J2EE, Python3.6.0, SQL server2012/2014, PL/SQL. |
| **Web Technologies** | HTML5, CSS3, JavaScript, j Query, AJAX, Angular6/7,14 Angular JS, Node JS, Bootstrap, React JS, JSON. |
| **Databases** | Oracle 9i/10g/11g/12c, SQL Server, MySQL, Mongo DB. |
| **J2EE Technologies** | Servlets, Struts, EJB 2.0, JSF, JDBC, JSTL, JNDI, JMS, RMI, Java Bean, JTA. |
| **Web Services** | JAX-WS (SOAP), JAX-RS (REST, REST API), WSDL. |
| **Application Frameworks** | Struts 1.x/2.x, Spring 4/5, Spring MVC, Spring Security, Spring Boot, Spring ORM. |
| **ORM Framework**  | Hibernate, JPA, DAO, Spring JPA. |
| **XML** | XML, DTD, XSL, XSLT, XHTML, XML Schema and DOM Parsers. |
| **AWS** | EC2, RDS, S3, ELB. |
| **Web/Application Servers** | Apache Tomcat 6.0, Kafka, IBM Web Sphere 8, Oracle Web Logic, J Boss 4.0. |
| **Version Control** | IBM Clear Case 7.0, 7.1, SVN, CVS, Git. |
| **IDE** | Eclipse, My Eclipse, Edit Plus, Net Beans 7.0, Visual Studios. |
| **UML tools/ Build tools** | Apache ANT, Maven, Jenkins, Docker, Kubernetes, Azure, CI/CD, J Unit, Jira, PCF, Google cloud, Dream viewer, Rational Rose, UML, Selenium. |
| **Design Methodologies** | Agile, Scrum, UML, J2EE Design Patterns. |

PROJECT EXPERIENCE:

**Client: HealthEdge, Burlington, MA**

**Duration: Nov 2020 – Till Date**

**Role: Full Stack Java Developer**

**Project Description:** HealthEdge is on a mission to drive a digital transformation in healthcare. We’re connecting health plans, providers, and patients with end-to-end digital technology solutions to support new business models, reduce administrative costs and improve health outcomes. Our growing portfolio of products (HealthRules® Payer, Source, GuidingCare, and Wellframe) provides talented and passionate professionals with opportunities to lead change and make a lasting, global impact in healthcare. Driving our mission are 2,000+ professionals worldwide. Together, we are committed to innovating a world where healthcare can focus on people.

**Responsibilities:**

* Involving in all the phases of SDLC including Requirements Collection, Designing & Analysis of the Customer Specifications and Developing of the Application.
* Assisting in Software Developing Life Cycle (SDLC) which includes developing, designing, analysis, testing and Integration of various web based and client/server applications in multi-platform environments with Java/J2EE technologies.
* Expertise in spring framework extensively using Spring 5.0, Spring Batch, Spring AOP, Spring JDBC templates, multi-threading and in working with SOAP & REST Web Services
* Preparing the J Unit test cases, Integration scenarios to test the implementing co-ordinating with the offshore team in various phases of application.
* Developed a dynamic web application using Angular, showcasing expertise in Angular web development, and delivering a seamless user experience.
* Implemented Storybook design, allowing for the creation and testing of UI components in isolation, resulting in improved design consistency and accelerated development iterations.
* Designed and implemented a responsive UI/UX, ensuring optimal user experiences across various devices and screen sizes.
* Utilized NgRx state management to efficiently handle application state, data flow, and side effects, resulting in enhanced scalability and maintainability.
* Managed project dependencies and streamlined development workflows using Npm, ensuring smooth collaboration and deployment processes.
* Hands-on experience with Spark SQL, Spark Streaming, MLlib, GraphX, and other Spark ecosystem components.
* Applied Spark for large-scale data processing, ETL, data cleansing, and transformation tasks.
* Optimized Spark jobs using RDD transformations, caching, and partitioning techniques to improve efficiency.
* Implemented Spark Streaming for real-time data processing, contributing to
* Integrated Spark with Hadoop, Hive, HBase, or Cassandra for seamless data processing.
* Proficient in deploying and managing Spark clusters on AWS.
* Designed and built efficient data pipelines with Spark, processing data from diverse sources.
* Proficient in developing high-performance applications using the Quarks framework, showcasing an in-depth understanding of its core concepts and the ability to create lightweight, fast, and efficient Java applications.
* Extensive experience in designing and implementing microservices architecture with Quarkus, leveraging its powerful features like reactive programming, fault tolerance, and seamless integration with containerization technologies such as Docker and Kubernetes.
* Skilled in utilizing essential Java libraries and frameworks in conjunction with Quarkus, including Hibernate ORM for efficient data persistence, RESTEasy for building robust RESTful APIs, and Eclipse Vert.x for reactive programming.
* Adept at integrating Quarkus applications into the DevOps ecosystem, including the establishment of CI/CD pipelines for seamless build and deployment processes, integration with cloud platforms like AWS or Azure, and utilization of monitoring and observability tools for proactive application health and performance monitoring.
* Proficient in testing methodologies specific to Quarkus, ensuring the reliability and stability of applications through comprehensive unit testing, integration testing, and end-to-end testing.
* Proficient in Angular web development with a focus on version 14.
* Skilled in creating visually appealing and responsive UI/UX designs using Storybook.
* Expertise in implementing NgRx state management for efficient data flow and scalability.
* Proficient in managing project dependencies and packages using Npm.
* Familiarity with Java, SQL, and AWS (nice to have skills).
* Proficient in utilizing Jira and Confluence for streamlined project management and documentation.
* Collaborated with cross-functional teams using Jira and Confluence, effectively tracking, and managing project tasks, facilitating agile workflows, and maintaining comprehensive project documentation.
* Demonstrated strong problem-solving skills, efficiently identifying, and resolving issues throughout the development cycle, ensuring high-quality deliverables.
* Achieved measurable results, such as increased user engagement and positive feedback, showcasing the project's impact on business objectives.
* Involving in enhancing the application for client's requirements based on the market demand using the MVC pattern, Angular 7.0, J Query, Bootstrap3, CSS3, Node JS and Web API
* Implementing Swagger Configuration in Spring MVC for auto generating swagger JSON files for RESTAPI calls web services (WSDL) and effectively working with SOAP and XML, and XSLT
* Performing the designing review, code review and test case review using Reflection API to invoke the service class dynamically.
* Experienced in integrating Pub/Sub with microservices architectures, cloud platforms, data pipelines, and real-time streaming frameworks.
* Proficient in monitoring and troubleshooting Pub/Sub systems, utilizing tools to track message flow, detect bottlenecks, and ensure smooth operation.
* Strong understanding of securing Pub/Sub systems with authentication, authorization, encryption, and data privacy measures.
* Deploying the spring boot Micro services to Pivotal Cloud Foundry (PCF) using building pack and Jenkins for continuous integration spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST and Spring Boot for Micro services
* Proficient in Core Java programming with expertise in object-oriented concepts and design patterns.
* Strong knowledge of Java APIs, data structures, and algorithms.
* Extensive experience with the Spring framework, including Spring MVC and Spring Security.
* Proficient in Spring IoC (Inversion of Control) and Dependency Injection.
* Hands-on experience in developing microservices using Spring Boot framework.
* Proficient in building standalone, production-grade Spring Boot applications.
* Experience in working with Apache Kafka for building distributed, fault-tolerant, and scalable event-driven systems.
* Proficient in setting up Kafka clusters, configuring topics, and managing data streams.
* Strong understanding of RESTful principles and best practices for designing and implementing APIs.
* Developed RESTful services using frameworks like Spring MVC or JAX-RS.
* Hands-on experience with various AWS services, EC2, S3, RDS, Lambda, and DynamoDB.
* Designed and implemented scalable and highly available solutions on AWS infrastructure.
* Proficient in deploying and managing applications on AWS using services like Elastic Beanstalk or CloudFormation.
* Extensive experience working with relational databases like PostgreSQL and Oracle.
* Proficient in writing complex SQL queries, stored procedures, and database optimization techniques.
* Designed and implemented database schemas and performed data modelling.
* Highly skilled Quarkus developer with expertise in building microservices and cloud-native applications.
* Proficient in Quarkus framework, specializing in developing scalable and efficient microservices.
* Extensive experience in Java programming language, the foundation of Quarkus.
* Strong understanding of containerization technologies such as Docker and Kubernetes, for deploying Quarkus applications.
* Demonstrated ability to design and implement RESTful APIs using Quarkus, ensuring efficient communication between services.
* Skilled in writing comprehensive unit tests and integration tests using frameworks like JUnit and Mockito.
* Successfully contributed to Quarkus projects, including feature development and performance optimization.
* Experience in migrating monolithic applications to Quarkus, improving overall performance and scalability.
* Familiarity with integrating Quarkus applications with cloud services like AWS, Azure, and Google Cloud.
* Proficient in front-end frameworks such as React and Angular, enabling seamless integration with user interfaces.
* Knowledge of SQL and NoSQL databases, ensuring efficient data storage and retrieval in Quarkus applications.
* Experience with CI/CD processes, promoting automated software delivery and deployment.
* Actively contributed to the Quarkus open-source community through bug fixes, new feature implementations, and pull requests.
* Strong understanding of database administration tasks such as backups, performance tuning, and data replication.
* Experience deploying and managing applications on the ROSA platform.
* Proficient in containerization technologies like Docker and Kubernetes.
* Familiarity with OpenShift concepts such as pods, services, and routes.
* Knowledge of scaling applications and configuring auto-scaling rules in ROSA.
* Proficient in front-end development using Angular 12 framework and TypeScript.
* Demonstrated expertise in Angular 12 framework, including its core concepts, architecture, and features.
* Experience in building dynamic and responsive web applications using Angular 12.
* Experience building responsive and interactive user interfaces with Angular Material and Bootstrap.
* Knowledge of Angular features like components, directives, and services.
* Familiarity with state management using NgRx or RxJS.
* Understanding of TypeScript language features such as static typing and decorators.
* Strong understanding of Agile methodologies such as Scrum or Kanban.
* Experience working in Agile development teams and participating in daily stand-ups, sprint planning, and retrospectives.
* Proficient in using Agile project management tools like Jira or Trello.
* Ability to adapt to changing requirements and deliver high-quality software in short iterations.
* Excellent collaboration and communication skills, promoting a culture of continuous improvement.
* Java Spring Developer with expertise in RESTful API development and microservices architecture.
* Successfully delivered multiple projects involving Java Spring, RESTful APIs, and microservices architecture, contributing to the organization's digital transformation.
* Proficient in data manipulation techniques for cleaning, transforming, and analysing data to extract meaningful insights.
* Skilled in utilizing tools such as SQL, Python, R, or Excel to perform data cleaning, transformation, filtering, aggregation, merging, reshaping, and variable creation.
* Experienced in working with large datasets and implementing efficient data manipulation strategies to optimize processing time and enhance performance.
* Strong knowledge of data cleaning practices, including identifying and resolving data inconsistencies, errors, duplicates, and missing values.
* Proficient in data transformation techniques, such as converting data types, scaling variables, and normalizing values, to prepare data for analysis.
* Knowledgeable in data injection techniques and practices for testing system vulnerabilities and evaluating security measures.
* Familiarity with common data injection techniques, including SQL injection, XML injection, command injection, and cross-site scripting (XSS) attacks.
* Understanding of the consequences of data injection attacks, such as unauthorized access, data breaches, system crashes, or compromised data integrity.
* Awareness of security measures and best practices for mitigating the risk of data injection attacks, such as input validation, data sanitization, and parameterized queries.
* Experience in conducting data injection testing as part of security assessments to identify and address vulnerabilities in data handling and processing.
* Stay updated with the latest trends and developments in data injection techniques and security practices.
* RESTful API Development: Designed, implemented, and maintained high-performance RESTful APIs using Java Spring, leveraging frameworks like Spring Boot and Spring MVC.
* Collaborated on the design and development of microservices architecture, breaking down monolithic applications into scalable and resilient services using Java Spring and Spring Cloud.
* Proficient in technologies and tools including Spring Boot, Spring MVC, Spring Cloud, Docker, Kubernetes, RabbitMQ, and Prometheus for building and deploying microservices-based solutions.
* Optimized RESTful APIs and microservices for performance and scalability, implementing caching strategies, load balancing techniques, and horizontal scaling to meet demanding throughput requirements.
* Worked closely with cross-functional teams, including product owners, architects, frontend developers, and testers, ensuring seamless integration and delivery of high-quality software solutions.
* Identified and resolved complex challenges related to Java Spring, RESTful APIs, and microservices architecture, such as performance bottlenecks, data consistency issues, and security.
* Proficient in utilizing Git version control system and implementing effective workflows.
* Demonstrated expertise in branching, merging, and rebasing strategies.
* Experienced in collaborating with team members using Git on popular hosting platforms like GitHub, GitLab, and Bitbucket.
* Skilled in utilizing Maven as a robust build tool for Java projects.
* Proficient in configuring and customizing Maven build files (pom.xml).
* Experienced in managing project dependencies and leveraging Maven repositories effectively.
* Strong understanding of unit testing principles and extensive hands-on experience with popular frameworks like JUnit and TestNG.
* Experienced in working with various Tibco products, including Tibco Business Works, Tibco Spotfire, Tibco EMS, Tibco BWCE, Tibco FTL, Tibco MDM
* Demonstrated expertise in effectively utilizing Tibco software solutions to streamline processes, enhance efficiency, and improve overall business performance.
* Proven track record of successfully executing Tibco projects, delivering high-quality results within specified timelines and budget constraints.
* Skilled in configuring and optimizing Tibco systems, ensuring seamless data flow, and facilitating real-time data processing.
* Strong understanding of enterprise messaging architectures and extensive hands-on experience with Tibco EMS for reliable and efficient message-based communication.
* Proficient in designing and implementing integration solutions using Tibco Business Works, enabling seamless integration of applications, systems, and data sources.
* Familiarity with Tibco Spotfire for data visualization and analytics, allowing for effective decision-making and data-driven insights.
* Adept at collaborating with cross-functional teams, including developers, business analysts, and stakeholders, to analyse requirements, design solutions, and deliver Tibco-based projects successfully.
* Proven ability to design and implement comprehensive unit tests to ensure code quality and reliability.
* Proficient in conducting integration tests for complex systems to verify end-to-end functionality.
* Proficient in automating build processes using industry-standard tools such as Maven or Gradle.
* Skilled in configuring continuous integration and deployment (CI/CD) pipelines.
* Experienced in leveraging build automation servers like Jenkins or Bamboo to streamline the development workflow.
* Extensive familiarity with code quality analysis tools such as SonarQube and Check style.
* Proven track record of utilizing these tools to identify and rectify code issues efficiently.
* Skilled in integrating code quality checks seamlessly into the build pipeline.
* Proficient in utilizing GitHub for version control and collaborative software development.
* Extensive experience with Git workflows, including branching, merging, and pull requests.
* Demonstrated ability to effectively manage and contribute to open-source projects on GitHub.
* Familiarity with GitHub features such as issues, milestones, and project boards for efficient project management.
* Experienced in leveraging GitHub Actions for automating workflows, CI/CD pipelines, and deploying applications.
* Strong expertise in utilizing Microsoft Azure cloud platform for building and deploying scalable applications.
* Proficient in deploying and managing applications on Azure using services like Azure App Service, Azure Functions, and Azure Kubernetes Service (AKS).
* Experience in configuring and managing Azure resources, such as virtual machines, storage accounts, and databases.
* Knowledge of Azure DevOps for continuous integration, delivery, and automated deployments.
* Familiarity with Azure monitoring and diagnostics tools for performance optimization and troubleshooting.
* Experience with Java 11's Features: Hands-on experience with features introduced in Java 11, such as the HTTP Client API, Local-Variable Syntax for Lambda Parameters, Dynamic Class-File Constants, and others.
* Familiarity with the standard libraries and APIs introduced in Java 11, such as the Process API Updates, Java Flight Recorder, JEP 333: ZGC, JEP 328: Flight Recorder, and other important additions.
* Proficient in developing Java applications targeting various platforms, including desktop, server, and cloud, using the cross-platform capabilities of Java 11.
* Experience in optimizing Java applications for performance, leveraging Java 11's enhancements like the Epsilon Garbage Collector, JEP 331: Low-Overhead Heap Profiling, and other performance-related improvements.
* Extensive experience in deploying, managing, and scaling applications on Google Kubernetes Engine (GKE).
* Proficient in creating Kubernetes clusters, configuring worker nodes, and managing containerized workloads.
* Demonstrated knowledge of Kubernetes concepts such as pods, services, deployments, and stateful sets.
* Proficient in provisioning, configuring, and managing virtual machines (VMs) on Google Compute Engine.
* Experience in creating VM instances, managing disk storage, and configuring networking components.
* Utilized GCE's auto-scaling capabilities to dynamically adjust the number of VM instances based on workload demands.
* Extensive experience in deploying and managing applications on Google App Engine, a fully managed Platform as a Service (PaaS) offering.
* Proficient in utilizing the App Engine Standard and App Engine Flexible environments based on project requirements.
* Implemented scalable and highly available applications using App Engine's automatic scaling and load balancing features.
* Developed and integrated APIs to facilitate communication and data exchange between different applications and systems.
* Implemented RESTful or SOAP-based APIs and utilized API management tools for secure and efficient integration.
* Utilized Terraform to automate infrastructure provisioning and configuration for Golang applications in the cloud.
* Collaborated with the development team to build microservices architecture using Golang and related frameworks.
* Utilized Golang's concurrency features to optimize application performance and handle high traffic loads.
* Collaborated with the development team to build microservices architecture using Golang and related frameworks.
* Proficient in Kotlin programming language and Java
* Extensive experience developing applications using Kotlin and Java
* Solid understanding of object-oriented programming principles and design patterns in Kotlin and Java
* Skilled in building scalable and maintainable code using Kotlin and Java
* Familiarity with Kotlin coroutines and Java multithreading for asynchronous programming
* Knowledge of Kotlin and Java frameworks such as Spring Boot, Android, and JavaFX
* Experience in integrating Kotlin and Java codebases and libraries.
* Strong debugging and problem-solving skills in Kotlin and Java
* Collaborated with cross-functional teams to deliver high-quality software solutions in Kotlin and Java
* Strong understanding and proven experience with OO Java, Apache Spring, RFBMS (DB2) REST, SOAP, Apache Kafka, SOA and integration with JSON and XML API's
* Experience in real-time, streaming processing technologies (Kafka)
* Strong grasp of data streaming technologies like Kafka and Spark
* Experience with big data streaming and data processing (Hadoop, Spark, Kafka etc.)
* Knowledge of NoSQL database platforms such as Cassandra
* Distributed computing (Cassandra)
* Experience with search engines / NoSQL platforms, such as: Elasticsearch. Solr. Fast ESP, Endeca, Autonomy MongoDB, Cassandra
* Collaborated with cross-functional teams to gather requirements and design software solutions.
* Implemented comprehensive unit tests and performed debugging to ensure software quality and minimize defects.
* Integrated external APIs and services into Java applications, enhancing their functionality.
* Utilized Terraform to automate infrastructure provisioning and configuration for cloud-based applications.
* Collaborated with the DevOps team to deploy Java applications to AWS cloud environment using Terraform scripts.
* Implemented infrastructure as code practices with Terraform, enabling efficient infrastructure management and version control.
* Designed and implemented Terraform modules for reusable infrastructure components, reducing development time and effort.
* Utilized Terraform state management to track and manage infrastructure changes across different environments.
* Implemented infrastructure provisioning workflows with Terraform and Ansible, streamlining the deployment process.
* Used Terraform scripts to deploy IaaS applications and programmable cloud resources deployment along with their management.
* UNIX/Linux skills, Bash scripting experience
* Scripting experience with Linux/bash
* Solr is a search server built on top of Apache Lucene, an open source, Java-based, information retrieval library.
* Solr is designed to drive powerful document retrieval applications.
* serve data to users based on their queries, Solr.
* Strong working knowledge with Cassandra administration and data modelling
* Experience with search engines / NoSQL platforms, such as: Elasticsearch. Solr. Fast ESP, Endeca, Autonomy MongoDB, Cassandra
* Managed modern Kubernetes environments in mission-critical roles.
* Designed and implemented Kubernetes clusters for multiple projects, increasing efficiency by 30%
* Managed containerised applications using Kubernetes and achieved 99.99% uptime.
* Automated deployment of micro-services with Kubernetes, reducing deployment time by 50%
* Developing API for using AWS Lambda to manage the servers and run the code in the AWS creating REST full API to enable access to database and data retrieval from SQL.
* Working with No SQL Cassandra to store, retrieve, and update and managing all the details for Ethernet provisioning and customer order tracking.
* Strong experience with Mongo DB development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like MongoDB.
* Extensively using Hibernate concepts such as inheritance, lazy loading, dirty checking, locking and transactions the search functionality for Internal Application using Angular JS and Node JS.
* Implementing designing patterns like DAO, singleton, factory to achieve design principles working on Oracle DB and creating Oracle DB PL/SQL Tables, Views, Storing Procedures, Triggers and Functions.
* Responsible for using AWS Console and CLI for deploying and operating AWS services developing and creating of Web Services using REST with JSON response type JMS as messaging service to asynchronously sending messages.

**Environment:** Java 8, J2EE, Spring 5.0, Spring Boot, Spring MVC, REST, REST API, SOAP, Micro Services, AWS, Spring Data, STS, Hibernate, HTML5, CSS3, Kafka, Mongo DB, Angular JS, PCF, Angular 7.0, Node JS, J Query, Apache Tomcat, XML, HTML.

**Client: Sony, San Diego, CA
Duration: Mar 2019 – Oct 2020**

**Role: Java/J2EE developer**

**Project Description:** Sony’s purpose is simple. We aim to fill the world with emotion, through the power of creativity and technology. We want to be responsible for getting hearts racing, stirring ambition, and putting a smile on the faces of our customers. That challenge, combined with our spirit of innovation, motivates us to create groundbreaking technology, entertainment, and services for people worldwide. Our history as a global brand has been built around employees that all have a passion for touching peoples' lives, and pride in pushing beyond the status quo to produce truly extraordinary results. We’re uniquely positioned because we operate in many different industries - from movies and music to video games and electronics. And, with offices around the globe, we benefit from a global workforce that learns and grows together through mutual respect. If you're ready to join a diverse team at an innovation-led company with the power to change lives, then we encourage you to read up on the different Sony group companies and check out our Life page. Then, get in touch, and together, let’s make the world say wow

**Responsibilities:**

* Designed use cases, sequence and class diagrams, activities, states, objects, and components. Used UML (MS Visio) for software design on AGILE methodology.
* Written Java Script, HTML, DHTML, CSS, Servlets, and JSP for designing GUI of the application the application using Spring MVC Architecture with Hibernate as ORM framework.
* Designed Frontend within object-oriented JavaScript Framework like React JS Securing the REST services using Spring Security, LDAP Basic Auth framework.
* Experienced in using JAVA Spring JPA with Hibernate to integration MySQL, or SQL Server into back-end web applications and performing CRUD and aggregation operations on a database.
* Extensive knowledge on JAVA SE including Collection, Threading, and Core Java.
* Good experience on Java EE technologies such as Servlet and JDBC.
* Developed the backend server with Spring Boot, involving different layers of the application including entity/model, DAO/repository, Controller, Service, Business, and Persistence
* Incorporated rxjs with Http Client Module for all asynchronous backend requests.
* Extensive experience in designing both Frontend & Backend applications using Java, J2EE Web frameworks, JSP, JSTL, HTML5, CSS3, AngularJS, ReactJS, NodeJS, JavaScript, AJAX, jQuery.
* Experience with React Fiber - rendering new types (fragments and strings), error boundaries, custom attributes, react profiler, new life cycles, context API, async rendering.
* Highly skilled Quarkus developer with expertise in building microservices and cloud-native applications.
* Proficient in Quarkus framework, specializing in developing scalable and efficient microservices.
* Extensive experience in Java programming language, the foundation of Quarkus.
* Strong understanding of containerization technologies such as Docker and Kubernetes, for deploying Quarkus applications.
* Demonstrated ability to design and implement RESTful APIs using Quarkus, ensuring efficient communication between services.
* Skilled in writing comprehensive unit tests and integration tests using frameworks like JUnit and Mockito.
* Successfully contributed to Quarkus projects, including feature development and performance optimization.
* Experience in migrating monolithic applications to Quarkus, improving overall performance and scalability.
* Familiarity with integrating Quarkus applications with cloud services like AWS, Azure, and Google Cloud.
* Proficient in front-end frameworks such as React and Angular, enabling seamless integration with user interfaces.
* Knowledge of SQL and NoSQL databases, ensuring efficient data storage and retrieval in Quarkus applications.
* Experience with CI/CD processes, promoting automated software delivery and deployment.
* Actively contributed to the Quarkus open-source community through bug fixes, new feature implementations, and pull requests.
* Involved in multi-tiered J2EE design utilizing Spring4.0 Inversion of Control (IOC) and Hibernate upgraded Apache Tomcat 8.0 in Production servers to latest version, configured and tested successfully.
* Design and develop XML processing components for dynamic menus on the application developed SQL queries for retrieving data used to generate the reports.
* Developed Stored Procedures and Triggers on Oracle Database coded extensively using JavaScript, Angular6.x to make rich internet web application for a Single page app.
* Designed and Developed End to End customer self service module using annotation-based Spring Boot, Hibernate, Java Beans and J Query.
* Secured the REST API services using Appeng Aluminum framework where security is provided by extending the Spring Boot framework with additional capabilities that are specific to Apple Inc.
* Developed UI layer for the application using HTML5, CSS3, Angular JS and Bootstrap Handled Production defects related to ansible automation in Docker pipeline and troubleshoot system admin issues.
* Security vulnerability fixes on server by setting up Big-Fix, Carbon-Black, Flex-era on cloud VM, Configuring firewall settings in Google cloud platform.
* Implemented client-side Interface using React JS designed and developed the REST based Micro services using the Spring Boot.
* Used Docker for setting Azure Container Registry with Docker and Docker-compose, actively involved in deployments on Docker using Kubernetes.
* Involved in Servlets, Java Bean programming on the server side for the communication between clients and server Creating multiple facelets in the page GIT for the version control management.
* Developed SOAP based Web services using Apache CXF and develop Logger classes using Log4j for efficient logging mechanism.
* Deployed application on JBoss server and used Maven as a build tool J Unit test cases for all use cases and executed them with Quality Assurance team in tracking and fixing bugs played a key role in for developing the application.

**Environment:** Java 7.0, J2EE, Hibernate 3.2, JPA 2.0, Spring 4.0, Spring MVC, Spring Boot, Kubernetes, Angular JS, Angular 6.0, SOAP, REST, REST API, Micro services, Google cloud, Docker, JSF, j Query, Oracle 10g, HTML, CSS, XML.

**Client: Toshiba, Bentonville, AR**

**Duration: Sep 2017 – Feb 2019**

**Role: Java Developer**

**Project Description:** Toshiba Group is responding to the global has contributed to a sustainable future by applying innovative technologies to value creation our business domains center on energy, social infrastructure, electronic devices and digital solutions, all essential supports for modern life and society.

**Responsibilities:**

* Used **Spring** for bean instantiation, annotations, controllers, request mapping to handle the **Web service** request and response
* Developed **REST** Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs.
* Used **Spring** **Boot** which is radically faster in building cloud **Micro Services** and develop **spring** based application with very less configuration.
* Developed Intranet Web Application using **J2EE** architecture, using JSP to design the user interfaces and **Hibernate** for database connectivity.
* Developed DAOs using **JPA**, **hibernate** persistence API for the database operations to interact with **Oracle Database** used **Angular JS** as the development framework to build a single-page application and reusable **Angular JS** applications**.**
* Responsible for creating efficient design and developing User Interaction screens using **HTML**, **CSS**, **JavaScript**, **J Query**, **AJAX** and **JSON.**
* Developed Web Services using **SOAP,** SOA, WSDL **Spring MVC** and developed DTDs, XSD schemas for XML (parsing, processing, and design) to communicate with Active Directory application using **Rest API.**
* Extensive use for developing test cases and performed unit and integration, tested by using **J unit** involved in developing Web services operations in **Service Oriented Architecture (SOA)**.
* Followed **agile** **methodology** during complete **SDLC** process. Participated **Agile/Scrum** development and deployment teams
* Used **Spring Framework 4.1** for the application development. Involved in front end development using **Struts, JSP's, JSF and JSTL**
* Extracted data in UI for different clients using **JSON**. Integrated with third party **Sale point API** to make **rest**ful Web services call used **Maven** for the project management like build, install deployed application on **Apache Tomcat** server.
* Have Experience in using **GitHub** repository to run the **Jenkins** job for Continues Integration while developing the applications and posting them in **GIT**.
* Developed **Groovy scripts** to test Report application output used **Selenium** for UI automation and used **log4j** for logging errors, info, exceptions.

**Environment:** Java 5, J2EE, Struts1.2, Micro services, JSF2.0, Web Services (SOAP, REST), REST API, Spring MVC, Spring Boot 1.5.1 Hibernate, Servlets, JSP, JavaScript, XML, HTML5, CSS3, SVN, J Unit, Log4J, Angular JS, Angular 4.0, Maven, JIRA.

**Client: Primetech Software, India**

**Duration: Aug 2013 – Dec 2016**

**Role: Software Developer**

**Description:** Primetech Software design and develop web-enabled software covering all web-related business needs including web applications development and modernization, customization of open-source solutions, web services building, mash-ups deployment, intranet/extranets development or system integration. We also create value-added mobile apps on various platforms as per your specific needs.

**Responsibilities:**

* Involved in all phases of the Software development life cycle (**SDLC**) using Agile Methodology in writing **Spring** **MVC** Configuration XML file that contains declarations and another dependent object declaration.
* Developed user interface using **JSP** Tag libraries, third party libraries and **Java Script** to simplify the complexities of the application
* Inserted Dependency Injection between components using **Spring (IOC)** concept implemented Asynchronous messaging between components using JMS.
* Used **Spring Security** to provide authentication, authorization and access-control features for this application wrote Stored Procedures and complicated queries for IBM DB2
* Implemented SOA architecture with Web Services using **SOAP**, WSDL, UDDI and XML using Apache CXF framework tool/Apache Commons worked on parsing the XML files using DOM/SAX parsers
* Involved in coding used **Struts**, **Spring** and **Hibernate**, **REST**/**SOAP** **web** **services**, **JSF** **frame** works in the development of the User Interfaces using HTML, JSP, JS, CSS and AJAX.
* Involved in creating various Data Access Objects (DAO) for addition, modification and deletion of records using various specification files created **JAX-RS REST API** for **GET**, **POST**, **PUT** and **DELETE** requests
* Used MQ series of messaging and queuing purpose in the application created tables, triggers, stored procedures, SQL queries, joins, integrity constraints and views for multiple databases, Oracle using Toad tool.
* Responsible for designing, coding and developed the application in **J2EE** using XML MVC involved in Unit Testing of various modules by generating the Test Cases.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application during the Integration testing phase.
* Implemented **PL/SQL** procedures and views in Oracle Database using Altova Database spy performed configurations and day to day activities using Web Logic
* Implemented **Log4J** for Logging Errors, debugging and tracking using logger's components performed deployment of applications on IBM Web Sphere Application Server.

**Environment:** Java, J2EE, Spring, Spring MVC, REST, REST API, Hibernate, SQL, SOAP, JMS, JavaScript, HTML, XHTML, CSS, Bootstrap, Log4j, j Query, Web Logic Application Server, JIRA, Maven, GIT, Eclipse.

EDUCATION:

* Masters in computer science from Georgia State University, USA - 2019