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**PROFESSIONAL SUMMARY:**

**7+ years** of professional experience as a **full stack developer**, experienced in implementing and developing complex applications. Involved in Software Development Life Cycle **(SDLC)** which embraces Design, Development, Implementation and Testing of **enterprise business** applications using **Java.**

Having expertise knowledge and experience on Java 8 features like **Functional Interfaces Multithreading, Collection API, Exceptional Handling, Time API and Stream API.**

Strong hands-on experience with **Spring IO** and **Spring Boot.**

Implemented the **microservices** architecture based on **RESTful API** using **Spring Boot** with **Spring MVC.**

Strong experience in developing **Dynamic Single Page Application (SPA)** using **MEAN (Mongo, Express Angular and Node**) full stack development tool kit.

Extensive knowledge in working with **CI/CD Pipeline** with **Jenkins**.

Extensive experience in developing scalable, reliable, efficient web and enterprise applications using **JSP, Servlets, Struts, JSF (Prime Faces).**

Have great experience in working with **Springboot framework** and **webservices.**

Proficient in implementing frameworks such as **Structs, Spring MVC and AJAX frameworks.** Excellent experience using ORM tools like **Hibernate** and **Ibatis.**

Proficient in using **Spring (transaction support modules and JPA), Spring JDBC (for transferring data to database).**

Implemented security to **RESTful** web services using **OAUTH 2.0.**

Configured **Session Factory** for **Hibernate** mainly used for **Create, Read,** and **Delete** operations for instances of mapped entity classes.

Good practical experience with  [Java](https://en.wikipedia.org/wiki/Java_platform)-based [logging](https://en.wikipedia.org/wiki/Computer_data_logging) utility. i.e. **log4J**., sl4j, log common.

Experience in Java Thread Dump Analysis and familiar with thread dump techniques.

Proficiency in front end application developer using **Angular 2.0/4.0, React JS, Ember JS** for dynamic users and which helps in architectural pattern **MVC.**

Strong understanding on client -side frameworks **Angular 4.x** for attaining architectural design flow of **MVC** using **dependency injection, pipes, directives and promises.**

Worked on customized front end application development using **jQuery, React JS, Handlebar JS** and implemented React **JS** using **Redux** library and **Flux** pattern.

Experienced in developing Server-side applications using frameworks **Node JS (Express JS, Hapi JS)** for building **non-blocking i/o model** web-based applications.

Good understanding of global level process about **Microservices** architecture and **SOA**.

Worked on different **SQL** databases like **MySQL, MS SQL Server, Oracle 11g.** Also worked on **NoSQL databases MongoDB, Apache Cassandra, Raven DB, Dynamo Db, Couch DB.**

Developed projects using **SOAP** and **RESTful** webservices and automated documentation using **Swagger**, WSDL**(SOAP) and WADL(REST)**.

Strong Knowledge on automated java-based integration testing and behavioral testing of the application using **Selenium (connects you to your browser), Unit testing, Junit4, TestNg, (organizes the tests) Mockito,** (**power mock for mock) and** for **rest testing mockmvc** and fluent **API, mockers service server for spring rest template template testing.**

Good Knowledge in **Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS and Amazon Cloud Front).**

Well experienced with build tools like **Gradle, Maven** and **ANT**.

Worked on different server such as **Apache Tomcat, WebLogic and Jboss** for configuring and deployment of the application

Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and worked on

 creating **Kafka adaptors** for decoupling the application dependency.

Implemented a metrics collection mechanism for the server by utilizing **Apache Kafka** to **stream server-side events**.

Used **Docker Container** to address every application across the **hybrid cloud and Docke**r   for better collaboration and innovation.

Deployed the Zero **Down Deployment** using **Kubernetes orchestration service application**.

Experienced in developing microservices using **Spring Boot** and deploying them in the **Pivotal Cloud Foundry (PCF)**.

Implemented **Pivotal cloud foundry (PCF)** to deploy **IAAS** or **PAAS** and to run own applications.

Automated the deployment process by integrating code repository using build pipeline **Jenkins**, **Bamboo** and **GoCD** for   Continuous Integration and Continuous Deployment that can run on the cloud or on-premises.

Good Experience in software configuration management using SVN, GitHub, GitLab, Bitbucket.

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java, C, C++, PL/SQL, JavaScript |
| **Web Technologies** | HTML5,CSS3,AJAX,JSON,Bootstrap,jQuery, Angular2.0/4.0,Angular6.0/8.0 React JS with Flux, Redux, Ember JS, Knockout JS, Back Bone JS, Handlebar JS, NodeJS, Express JS, Hapi JS |
| **J2EE Technologies & frameworks** | Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis. |
| **Databases** | Oracle 8i/9i/10g/11i, DB2, SQL Server 2000/2005/2008, MYSQL, MongoDB, Raven DB, Cassandra |
| **Application/Web Servers** | Oracle Web logic, IBM Web Sphere, JBoss, Glassfish, Apache Tomcat |
| **Messaging Services** | JMS, Active MQ, Rabbit MQ, IBM MQ, Apache Kafka |
| **Webservice Frameworks** | JAX-RS, JAX-WS, Axis, Jersey |
| **Software Methodologies** | Agile, Scrum, TDD, Waterfall |
| **Build & Configuration Tools** | Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Webpack, NPM, Bower |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor |
| **Version Control Tools** | GIT, SVN, CVS, Bitbucket, TFS |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Cloud Technologies & DevOps Tools** | AWS, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS, RDS, S3, Glacier, Lambda, Kubernetes |
| **Operating System** | Windows, Linux, Unix, MA-OS 10.13.2 |
| **IDE’s** | Eclipse, Visual Studio, IntelliJ, Spring Tool Suite, Sublime Text, WinSCP, Putty |

**AREAS OF EXPERTISE:**

**Web Application Development, Software Development Life Cycle (Requirement, Analysis, Design, Development, Testing, Maintenance), Project Coordination, Requirements Management, Technology Integration, Technology Migration, Application Documentation, Test Driven Development, DevOps management.**

**EDUCATION:**

**University Of Hyderabad, Master of Business Administration –2014**

 Two Years full time post graduate degree specialization in Finance and Operations. Graduated with First class division

**Jawaharlal Nehru Technological University Hyderabad, B-Tech – 2011.**

 Four Years full time Bachelor of Technology focused in Electronics & Communication Engineering. Graduated with First class division

**PROFESSIONAL EXPERIENCE:**

**Client: Wells Fargo, Dallas**

**Date: April 2022- Present**

**Role: Full Stack JAVA Developer**

**Responsibilities**:

Implementation of the design wireframe using **Angular 8.0** and exposing backend services which runs on **Spring Boot**. Here we also have another layer that makes use of NodeJS mainly used for authentication, authorization, and session maintenance.

Implemented the complete set up with configuration file changes from **Angular 6 to Angular 8.** Whilemigrating the project which involved converting angular components and updating router Modules.

Developed UI application initially using **Angular 6.0** and made use of customized components.

Wrote services with **Angular** **6** to store and retrieve user data from the **DB** for the application on devices with **HTTP** service.

Made use of **Reactive Forms** using **Angular 8.0** where most of the validation is done using component rather than using **template-driven** which provides in **HTML**.

Mainly involved in deployment activities CI/CD deployment and familiar with **OSE (Open shift origin).** Also made changes in **Jenkins** Files as per the requirement of the pipeline.

Worked on **Kubernetes cluster** as a part of deployment activity. Familiar with Open Shift commands mainly for deployment.

Implemented Java EE components using **Spring MVC**, **Spring IOC**, **Spring transactions** and **Spring security** modules.

Worked in integrating **JMS** with **SPRING BOOT** by providing an instance which is embedded with **Active MQ**.

**NODE PACKAGE MANAGER (NPM)** was used to list out the right versions of the packages and their dependencies for the project.

Authenticating Users and to provide   the security to **RESTful** web services using **O-AUTH 2.0.**

Extensively used **Spring IOC** configured **Application Context** files and performed database object mapping using **Hibernate** annotations.

Implemented features like Actuator in **Spring boot** for monitoring and tracing my application. Developed controller classes, complex services, database integration and **backend** process.

Involved in **web services** design and development. Responsible for creating and consuming web services using **REST** and **XML**.

Created dynamic schema design through **NOSQL-CouchDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems for horizontal scalability.

Involved in the creation of interface to manage user menu and Bulk update of Attributes using **Node.JS** and **jQuery**.

Developed test cases for each component in different panels using Junit, reported and deployed using **Jenkins**.

Designed and developed the framework to consume web services hosted in **Amazon EC2 instances**.

Used **Docker Container** to address every application across the hybrid cloud and Docker   for better collaboration and innovation.

Designed, configured, and deployed **Amazon Web Services** (AWS) for a multitude of applications utilizing the AWS stack (Including EC2, S3), focusing on high-availability, fault tolerance, and auto-scaling.

Configured **AWS EC2 instances**, domain mapping via **Route53**.

**Environment:** JavaScript,  HTML5, CSS3-LESS, Spring Security, Rabbit MQ, Node JS, Express JS,Bootstrap4.0, Hibernate4.x,OIDC, Eclipse Java EE, Jenkins, Log4j, Redis, Mongo DB, Mongoose Connector, Oracle, JBoss, Kibana, Elastic search, Logstash, EBS, Elastic Load Balancer, Docker, Apache tomcat, Selenium, Spock, Karma, Jasmine, Mockito, Junit, mock MVC, Kubernetes, Dump Analysis, Netflix Zuul, Eureka, Swagger-OAuth 2.0, Maven3.0**.**

**Client: ADP, Dallas, TX.**

**Date: March 2020 – March 2021**

**Role: Full Stack JAVA Developer**

**Responsibilities**:

Designed and developed **Micro Services** business components using **Spring Boot.**

Implemented the Project structure based on Spring MVC pattern using **Spring Boot** and persisted data to MongoDB using Spring Data.

* Worked on **MongoDB** database concepts such as **locking**, **transactions**, **indexes**, **Shading**, **replication**, **schema design.**

Experienced in implementing the **Node.js** server-side code along with the Express framework to interact with **MongoDB** to store and retrieve data by using the **Mongoose** package.

Used **Node.js** and **Express.js** to develop the relevant back end RESTful API.

Used **MongoDB** internal tools like **Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager** etc.

Worked on Prototyping and Implementation using Java, **Node JS**, AWS with Slacker platform.

Implemented **OAUTH** **2.0** authentication protocol and provided **OAuth** **2.0** token implementation guidelines for enterprise web API security model.

Closely worked with Application using **React JS** and Node.js libraries NPM, gulp directories to generate desired view and flux to root the URL's properly.

Developed Micro Services based API using **Spring Boot** and **Spring Data**.

Created producers, consumer, and Zookeeper setup for oracle to **Kafka** replication.

Design and build a large-scale global **Docker** Container-as-a-Service.

Implemented **AWS** solutions using E2C, S3, RDS, EBS, Elastic Load Balancer, Auto-scaling groups and used **AWS** **SDK** to connect with Amazon SQS for bulk email processing.

Worked with a team to develop and maintain an internal Log Delivery System, utilizing various Apache products, **Kafka**, and **Tomcat**.

**Environment:**Mongo DB, Express JS, Angular 2.0, React JS, Node JS, Spring Boot, Redux, ES6, Web Pack, Grunt, NPM, OAuth 2.0, Spring Data, Mocha, Chai, Kafka, Docker, Spring Cloud, AWS, Drools.

**Client:** **South West Business Corporation, Texas.**

**Date: April 2018 – Feb 2020**

**Role: Full Stack Java Developer**

**Responsibilities:**

Developed and implemented **Restful Web APIs**, and exposes endpoints using **HTTP** methods like **GET, PUT, POST and DELETE**.

Worked on Lambda Expressions, Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and IO improvements by using **Java 8.**

Implemented light weight **WADL** (Web application description Language) for better understanding of **Rest** based web services and its configuration.

Performed unit testing using **JUNIT** framework and tested DAO's and Business Services

Provide 24x7 support to the application in pilot and **production** phases. Support included being on conference calls, identifying and fixing **bugs**, investigating reasons for specific application behavior.

Written complex **SQL** queries, **Stored Procedures** and **Functions** in **PL/SQL** for manipulating the data.

Used **JavaScript, HTML, JSP** pages for developing front end UI and wrote application level code to perform client-side validation.

Experience in implementing **Mongo DB CRUD** (**C**reate **R**ead **U**pdate **D**elete) operations by using **Mongoose** library in Node-JS including **Angular JS.**

Migrated technology from **Angular 1.0** to **Angular 2.0** to use upgraded features such as Angular Components and Angular Routers as per the strategy requirement.

Configured **Bamboo** to handle application deployment on **Cloud (PCF)** and to integrate with **Git Hub** version control.

Extensively used **Jenkins** as Continuous Integration tools to deploy the **Spring Boot** with **Microservices** to Pivotal Cloud Foundry **(PCF)** using build pack**.**

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon.3, Git, Log4j, DB2, Maven, TestNg

**Client: Mphasis, India.**

**Date: Nov 2016 – Jan 2018**

**Role: Java Developer**

**Responsibilities:**

**Java message queue** (JMS) is used for exchanging the information and messaging services.

Developed **SOAP web services** (JAX-WS) for sending and getting data from different applications **WSDL** generation and exposed the service at server-side.

Developed and implemented the **MVC architectural** pattern using **Struts Framework** including JSP, Servlets and Action classes.

Designed and integrated the full-scale **Struts/Hibernate persistence** solution with the application architectures.

 Developed **DAO** pattern to retrieve the data from database.

Database and Implementation skills with **ORM** frameworks Implementation skills with **ORM** frameworks like **Hibernate** and **MyBatis**

Build and maintain **SQL** scripts, indexes, and complex queries for data analysis and extraction.

Worked with the **QA team** to solve the issues related to the development.

Created many **Stored procedures** and scheduled jobs to support our applications for to create reports for customers.

Involved in **system integration** and solved the production issues.

Created PL/SQL procedures, functions and written complex SQL queries for C2C resume builder

Used **JavaScript** and **jQuery** for validating the input given to the user interface.

Used **jQuery** to build accordion style content, drag and drop functionality, calendar, popup and modal windows.

Used **BackboneJS** for creating responsive UI modules with hardcoded dependency of **Underscore JS** in combination with Handlebar JS for templating.

Used **Backbone JS** to utilize minimal set of data-structuring and user interface primitives for building a **MVC** workflow design.

Performed many DOM manipulations using **Native JS** and **jQuery** for loading and manipulating dynamic content on webpages.

Worked on **JSP, Servlets, Struts framework** and production support issues of the existing applications.

For messaging, used **Message Driven Beans** for consumption of JMS.

Involved in deploying the application. Worked on **MAVEN** to build the application.

**JUnit frameworks** were used for performing unit and integration testing by writing test cases.

**ANT** was used as a build tool. Also worked in an agile work environment.

Experience in installing, configuring and deploying application on **Web Logic Server**.

Deployed application on **Client Linux server.**

**Environment**: Core Java, J2EE, JSP, HTML, MVC, Servlets, Struts, JMS, MDB, EJB3.1, JUnit, DAO, Web Logic Server, Ant, SOAP, JAX-WS, WSDL, Junit, SQL.

**Client: Steric Infotech, India.**

**Date: June 2014 – Oct 2016**

**Role: Java Developer**

**Responsibilities:**

Designed, coded and tested key modules of the project using **java oops concepts**.

Played key role in the design and development of application using J2EE, Struts, and spring technologies/frameworks using **Service Oriented Architecture (SOA).**

Experienced in software development using **SDLC** Software development life cycle methodologies, **Object Oriented Technologies, UML**, **Agile** methodologies such as Extreme Programming XP, Scrum.

Used **SOAPUI** for testing web Services with different end points. Involved in implementing enterprise **SOA** application projects.

Implemented **SOAP Web Services** for Data Ordering information with external vendors.

Strong Experience in database design using **PL/SQL** to write Stored Procedures, Functions Triggers and strong experience in writing complex queries, using **SQL Server** and **MySQL.**

Tested and deployed the application on **Tomcat Application Server**.

Good knowledge in the configuration management and version control software like **SVN**.

**Environment:** Angular JS, HTML, CSS3, REST Services, Structs, SOA, JavaScript, jQuery, Git, Eclipse Java IDE.