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Full Stack Java Developer

Professional Summary:

- 5+ years of experience in designing, developing and testing Enterprise Applications using **Java/J2EE** platform, Object-Oriented methodologies, Web services like **SOAP, REST** and **SDLC** approaches for software development.
- Good Experience in developing front end applications using **HTML5, CSS3, JavaScript, jQuery, Bootstrap, XML, XHTML, DHTML, SAAS, LESS, DOM, AJAX**, and **JSP**.
- Expertise in developing front end web applications using client - side JavaScript frameworks like **AngularJS**, achieve **MVC** design flow.
- Worked extensively with **Angular 2.X/4.X** using Type scripts, routers, custom pipes, to achieve **MVVC** functionality.
- Experienced in developing applications using **React JS** for view rendering and implementing **React JS** with **Redux** and **Flux** to achieve **MVC** design flow to the application.
- Experience in working with view rendering JavaScript like **jQuery** with **AJAX** to make asynchronous calls.
- Proficient in testing Angular applications using **Karma, Jasmine, Protractor** and React Applications with **Mocha** and **Chai**
- Extensive knowledge in developing applications using core java concepts and experienced in working with **Core Java SE 8** features like **Lambda functions, Stream API, Time API**, and **Generics**.
- Good Hands-on experience in various **Spring** framework modules like **Spring Boot, Spring AOP, Spring security, Spring cloud, Spring data, Spring batch, Spring IOC, Spring Transaction management**.
- Good experience in developing applications using Java web enterprise frameworks like **Spring MVC, JSF**, struts to connect with web container.
- Expertise in developing Micro services using **Spring Boot** and **Node JS** to build more physically separated modular applications which will improve Scalability, Availability, Agility of application.
- Knowledge in implementation using **Spring Cloud - Netflix OSS** stack for **Microservices deployment** and Auto configurations like **Eureka** which is a Service Discovery Server, **Ribbon** used for Dynamic Routing and Load Balancer, **Hystrix** Circuit Breaker, **Zuul** (Edge proxy) and Centralized log Analyses (ELK).
- Developed **RESTful** web services using **JAX RS, Apache CXF, Jersey Framework, WSDL** and **SOAP** services using **JAX WS, Axis2, Apache CXF** and **WSDL** to implement Service-Oriented Architecture(SOA).
- Experience in working with Message Queues services like **Rabbit MQ, Apache Kafka, IBM MQ** for communication between sender and listener.
- Good Knowledge on working with **OAuth2.0** to provide authentication and authorization to Rest services by exchanging Access tokens.

- Experience in using **JSON Web Tokens(JWT)** to securely communicate JSON Objects.
- Experienced with Relational databases like **MYSQL, ORACLE, POSTGRE, PL/SQL** and **NoSQL** Databases like **Mongo DB** and **Cassandra**.
- Proficient in writing complex **SQL** queries and stored procedures.
- Expertise in implementing ORM technologies like **Hibernate, JPA, IBATIS** to connect with **RDBMS** and **Mongoose connector, Cassandra Node Driver** for **NoSQL** database.
- Experienced in implementing unit testing using **Junit, Mockito** and **Spock**.
- Worked in implementing integration testing using **Selenium** and **Cucumber**.
- Expertise in working with build tools like **Maven, Gradle, ANT**.
- Involved in working with Java script build tools like **GRUNT, GULP, Webpack**.
- Worked with **Jenkins** and **Bamboo** to achieve **Continuous integration(CI)** and **Continuous Development(CD)**.
- Knowledge in working with **Docker** tool to create, deploy and run applications by using containers and it helps to save Disk space and RAM size.
- Knowledge on **Kubernetes** to deploy containerized applications.
- Experience in using **Platform as service(PaaS)** Cloud services like Pivotal Cloud Foundry to deploy applications on cloud.
- Good Experience in using **Amazon Web Services (AWS)** like **EC2** for Virtual Servers to deploy applications, **S3** and **Glacier** for storing data, Amazon Elastic Load Balancing, AWS Identity, Amazon EBS, Amazon SQS.
- Worked in deployment and configuration of Application Servers such as **IBM WebSphere, BEA WebLogic, Apache Tomcat, JBOSS**.
- Experience in working with **Log4J** for Logging, Debugging and Error tracing.
- Expertise in working with **Agile, Prototyping, Water Fall** and **RAD** Methodologies.
- Knowledge in creating rules using Business Rules Engines: **Drools, ILOG**.
- Good Knowledge in Batch processing using **Quartz scheduler** and also by writing **Shell scripts** and **Unix scripts**.

Professional Experience

Client: CVS

July 2022- Present

Role: Java Full Stack Developer

Responsibilities:

- Followed Agile Software Development Methodology to build the application iteratively and incrementally. Participated in scrum related activities and daily scrum meetings.
- Designed dynamic and browser compatible pages using **HTML5, CSS3** Pre-processor (**SASS/LESS**), **JavaScript, Bootstrap, Ajax, Angular2** and **Node JS**.
- Used TypeScript to discover API 'S and Self-explanatory code contracts .
- Involved in migrating from **Angular 1.4** to **Angular 2**, to build the Single page web applications.
- Implemented **Angular2** services to connect the back-end APIs to **POST/GET** the data used in the application.
- Created **Angular2** components, implemented Interpolation, input variables, Bootstrapping, NgFor, NgIf, Router Outlet, binding the events, decorators.
- Developed custom styles, colors, animations, font icons and responsive data tables using **Bootstrap grid** system .

- Used **NodeJS** for building web applications with client-server architecture for two-way data exchange.
- Implemented application using design patterns such as **Delegate, Adaptor, Factory** and **Singleton**.
- Worked on designing specific programs efficiently through knowledge of multithreading using the API with the goal of increasing performance on a wide variety of applications.
- Used java8 **Lambda expressions** along with Streams for creating internal iteration and performing chain operations such as **Filter, Map, Collect** on a collection.
- Involved in developing code for obtaining bean references in spring framework using **Dependency Injection (DI)** or **Inversion of Control (IOC)** using annotations.
- Heavily used **Spring Inheritance, Auto-wiring, Core Container, Security, AOP, ORM** modules as part of migration from EJB to spring, Spring Quartz for scheduling tasks to generate reports and emails.
- Implemented **SOA** to develop **Spring Restful/Micro Services** and implemented **Spring Eureka, Netflix, Ribbon** as part of Services Discovery using **Apache Axis**.
- Used **Micro Services** with **Spring Boot** services and combination of **REST, Apache Kafka** message brokers.
- Created customized **AMI's** based on already existing **AWS EC2** instances by using create image functionality and created S3 buckets for storing object level data into it.
- Created, managed, and delivered digital experiences across websites, mobile sites, and on-site screens to make them global in reach by using **Adobe Experience Manager**.
- Secured the **API 's** by implementing **Oauth2** token-based authentication using spring security.
- Heavily used joins stored procedures, views, Unions in **Oracle data base** to fetch the data.
- Written customized configuration spring bean class to deploy the **JBPM** processes in **JBOSS**.
- Developed **Hibernate** with **Spring Integration** as the data abstraction to interact with the **Oracle 11g** database, implemented transactions, proxies, locking, HQL, Criteria, Projections and Stored Proc calls.
- **Hibernate framework** is used on **DAO layer** to persist application data into **Oracle** database.
- Tuned **Hibernate layer** for **SCRUD** operations, association, inheritance and database for performance and written stored procedure and other **SQL, PL-SQL** routines.
- Used **slick** to query and storing in database in a Scala fashion using the powerful **Scala framework**.
- Used **MongoDB** to store non-relational data into collection and retrieve them whenever required.
- Scalable data design for **MongoDB** and **Redis**, caching in MongoDB with Redis Cache Using **Spring Boot**.
- Used **Docker** for creating Docker images for launching containers on **AWS EC2**.
- Worked Integration of **AWS, Elastic Search, Beanstalk** and **Docker** with **Kubernetes**.
- Used **Apache Camel** for generating routes for consultant microservice where consultants can login.
- Monitored and managed the application when it's pushed to production by using **Spring Actuator**.
- Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **GITHUB, Jenkins** and **Jenkins Jobs**.
- Used **IDE Eclipse** and **GITHUB** version tool system for developing and Tracking Application.
- Involved in running Test scripts on different browsers using the **Selenium WebDriver**.
- Used **SOAP UI, Postman, Rest Client, Spring Mock MVC** for testing the web services.
- Used **APIGEE** for documenting REST API 's to expose description of a **RESTFUL** web services to clients.

- Worked with **ELK** stack for searching logs and routing the log data and visualizing the Logged Data.
- Used **JUnit** and **Selenium** for extensive functional, automation and unit testing code.
- Responsible for process implementation using Jenkins.
- Actively used the defect tracking tool **JIRA** to create and track the defects during QA phase.

Client: CBRE

Oct 2021-Jun 2022

Role: Full Stack Developer

Responsibilities:

- Used **Java 8 Lambda expressions** along with Streams for creating internal iteration and performing chain operations such as **Filter, Map, collect** on a collection Objects.
- Played major role in developing payment processing interface and web application using **Angular 7** in front-end and **MongoDB** at the back end.
- Created an End-to-End Framework for **Acceptance Testing** using **Cucumber, JDBC, Maven, WebDriver, Java** and **TestNG**.
- Built application with **Angular-cli, Maven script** via **Jenkins** and deploying in **Tomcat server**.
- Responsible for installation, configuration, and administration of Red Hat Linux, Solaris systems.
- Performed unit testing using **JUnit/ JMock** and used **JIRA** for bug tracking.
- Used **Agile** methodology and effectively took part in Scrum gatherings to deliver quality deliverable within time.
- Experience in migrating data from **Oracle database** using **Spring JDBC** to **Apache Cassandra** (Datastax) **NoSQL** Database.
- Made use of Bitbucket Git management for quality bug-tracking and roll back capabilities.
- Added security for service layer methods using Spring Security.
- Performed **Service Oriented Architecture** (SOA) for implementing Web Services like **SOAP, RESTful Web Services** using **JAX-RS, JAX-B, JAX-P** and **JAX-WS**.
- Implemented **Spring boot microservices** to process the messages into the **Kafka cluster setup**.
- Closely worked with **Kafka Admin** team to set up **Kafka cluster** setup on the QA and Production environments.
- Implemented to reprocess the failure messages in **Kafka** using offset id. Used **Spring Kafka API** calls to process the messages smoothly on **Kafka Cluster** setup.
- Used **React** and **Redux Stack** to create views to hook up models to the **DOM** and synchronize data with server as a **Single Page Application** (SPA).
- Collected and analysed data to determine time and profitability constraints.
- Used **OOPs** Concepts (Polymorphism, Inheritance, Encapsulation) Overloading & Overriding, Final, Finally, Finalize, Garbage collection, Synchronization, Collections, Arrays, Interfaces, Multithreading etc.
- Installed, Configured and Maintained Samba, **Apache Tomcat** and **JBoss** servers in Linux environment.
- Used **Apache Maven** as the software build tool used **Jenkins** for **CI** and **CD**.
- Worked on backend using **NodeJS, ExpressJS** and **MongoDB**.
- Worked on core **AWS** services such as setting up new server (EC2) instances/services, configuring security groups, and setting up Elastic IP's.

- Used **Spring** and **AngularJS** for creating secure **Single Page Applications** (SPA) and refactored the existing **AngularJS** application.
- Experience in administering **Oracle, MySQL, PostgreSQL Prod**, Non-Prod, test, development environments on **AWS EC2** instances and **RDS** instances.
- Worked on **Pivotal Cloud Foundry** (PCF), **Google products** and **Docker** container services.
- Installed **Pivotal Cloud Foundry** (PCF) on instances to manage the containers created by **PCF**.
- Used **Docker** to virtualize deployment containers and push the code to instances cloud using **PCF**.
- Used **Jenkins** as **Continuous Integration** tools to deploy the **Spring Boot Microservices** to **Pivotal Cloud Foundry** (PCF) using build pack.
- Involved in building database Model, **APIs** and Views utilizing Python, to build an interactive web-based solution.
- Implemented **Micro-services** to separate the tasks and not to have dependency on other Parallel on-going tasks of same Application. **Micro-services** were implemented using **Spring-boot**.
- Built application with **Angular-cli**, **Maven script** via **Jenkins** and deploying in **Tomcat server**.
- Performed ad-hoc backups using **Mongo dump** and **Mongo restore**. Developed real time tracking of class schedules using **NodeJS**.
- Implemented **Angular 7.0** using its advantage including two-way data binding and templates.
- Created **Spring Core** Annotations for Dependency Injection **Spring DI** and **Spring MVC** for **REST API's** and **Spring Boot** for **micro-services**.
- Implemented **Apache Spark** data processing project to handle data from DB and streaming sources.
- Performed post deployment tasks using puppet/chef and ansible.
- Migrated **Mongo** database systems from **No-SSL** authentication to **SSL** authentication using certificates.
- Developed business service layer and data access layer using **Spring** and **Mongo-db**. (Spring Mongo Template).
- Integrated **Docker** container orchestration framework using **Kubernetes** by creating pods, config Maps, deployments and maintain multiple Kubernetes clusters to support a global service.
- Fetched **JSON** data within Orchestration Layer with **Spring-Boot** application and displaying it in the **UI** following **ECMAScript** (ES6) standards for developing.
- Called **Rest** web services through **Angular JS** services to get **JSON** Object and modified the response object to display in **UI**.
- Designed and implemented interface elements using **Google Web Toolkit GWT**.

Client: GLEECUS TECHLABS INC.

Dec 2019 -July 2021

Role: Java Developer

Responsibilities:

- Analyze and Design different components of the project and create design diagrams, Business Flow Charts, coding, documentation and unit testing of application.
- Involved in developing front end screens using **JSP, JPA, Struts** View Tags, **EJB, JSTL, JSON, XML, XSLT, DHTML, HTML, CSS, AJAX, Web2.0 technologies, JavaScript**.
- Developed Action Classes, Action Form Classes, created **JSPs** using **Struts** tag libraries and configured in **Struts-config.xml, Web.xml** files.

- Implemented the web-based application following the **MVC** architecture using **Struts Framework**.
- Used **STRUTS** framework for Front-end pages using **JSP**, **Struts** custom tag libraries (bean, logic, html), **JSP custom tags** (JSTL) and **JavaScript**.
- Designed, developed and maintained the data layer using **Hibernate** and performed configuration of **Struts** Application Framework.
- Implemented the persistence layer using **Hibernate** and **configured Hibernate** with **spring** to interact with the database.
- Used **JSF framework** with **AJAX** in developing user interfaces using **JSF UI** Components, **RIA** components, Validator, Events and Listeners.
- Configured and deployed the application on **JBoss** application Server.
- Implemented and used Web Services with the help of **WSDL**, **SOAP** and **JAX-WS** to get updates from the third parties.
- Used **XML** to transfer the application data between client and server. In server-side **Servlets** is used to construct and parse the data in XML format and in client-side Java is used.
- Developed various Database interaction objects by implementing the **DAO** patterns and used **JDBC** as Model Component.
- Used **Log4j** for External Configuration Files and debugging.
- Designed various tables required for the project in **Oracle 10g** database and used the Stored Procedures in the application.
- Developed database layer using **JDBC** and followed **DAO** pattern.

Environment: JDBC, J2EE, JSP, Struts, Hibernate, spring, MVC, EJB, JSF, JSTL, JSON, XML, XSLT, DHTML, HTML, AJAX, JavaScript, JBoss, Log4j, SOAP, Internet Explorer, Firefox, Chrome, Oracle, Windows

Client: ZENSAR Tech
Role: Jr. Java Developer

Nov 2017 - Nov 2019

Responsibilities:

- Developed Prototypes using home site and various **JSP Pages**.
- Developed session beans for business logic and **JSP/Servlets**, for presentation/control layer using Struts.
- Extensively used **Java Naming** and **Directory Interface** (JNDI) for looking up enterprise beans.
- Responsible for writing **SQL** and **PL/SQL** queries for writing stored procedures and triggers
- Used **CMP** and **EJBQL** to map Oracle database.
- Extensively involved in **JavaScript** to handle client-side programming and for validating screens.
- Deployed and tested the application on **WebSphere Application Server**.
- Configured connection pools in **WebSphere** to connect to **Oracle database**.
- Developed Style Sheet to provide dynamism to the pages and extensively involved in unit testing and System testing using **JUnit** and involved in critical bug fixing.
- Utilized the base **UML** methodologies and Use cases modelled by architects to develop the front-end interface. The class, sequence and state diagrams were developed using Rational Rose.
- Developed the **ANT** scripts for preparing **EAR** and **WAR** files used to deploy **J2EE** components.