**MounikaJ**

**SR.JAVA FULL STACK DEVELOPER**

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**SUMMARY**

* Having 7 years of professional experience in developing Cross-Platform application development with exposure to all the stages in Software Development Life Cycle (SDLC) including gathering requirements, analysis of requirements, software design, development, testing and maintenance of web applications using **JAVA/J2EE** technologies.
* Hands on experience in **rendering** large data sets on the application view using **ReactJS** and **Front-End** technologies like **Angular, ReactJS, NodeJS, JavaScript, Type Script, HTML5, CSS3/4, Bootstrap, jQuery, Micro-Front end**.
* Expertise in back-end development using **Core Java**, **Collections**, **Spring**, **Hibernate**, **JDBC**, **Spring JDBC**, **Spring JPA**, **RESTful and SOAP web services**
* Experience in implementing **Dynamic** Single Page Application (**SPA**) with the help of **Angular React Spring** full stack development tool kit.
* Hands on Experience in designing and developing in **J2EE** for **Linux**/**Unix** environments using persistence framework like **Hibernate** and **Spring JPA**.
* Extensive experience in Spring framework**s** such as **Spring Core, Spring MVC, Spring Batch, Spring Boot and Spring Cloud, Spring Data.**
* Implemented front end using **JSP**, **HTML**, **CSS**, **JavaScript**, and **Ajax.**
* Implemented **SOAP** and **REST** Services utilizing **Spring MVC** and created unit test cases for **REST endpoints** utilizing **Junit**, **Mockito** and **Spring Test**. Used **Postman** to test web services. Experience on **Deployment Automation** and **Containerization** (**Docker, Kubernetes**).
* Experience in building applications using various technologies like **Spring, Hibernate, EJB, JPA**.
* Experience in database modelling, design and development of **PL/SQL** stored procedures, packages in relational databases.
* Experienced in writing unit test cases using **Junit**, **Testing**, **Mockito** and Wrote **JUnit Test Cases** for environments.
* Good working knowledge **of Ant, Jenkins, Maven,** and **AWS** for project build/test/deployment, logging.
* **JUnit** for unit and integration testing.
* Experience in **CI CD** pipelines to integrate the **Java** code to align with **DevOps** using **Docker**.
* I have a good experience working among databases like **MySQL**, **MongoDB**, **PostgreSQL** and **Cassandra**
* Rapidly acquired knowledge of GCP services and integrated them into existing AWS-based applications.
* Extensive experience in Java with a strong focus on cloud-based development, primarily using AWS services (EC2, S3, Lambda, RDS, API Gateway)
* Demonstrated interest and eagerness to work with Google Cloud Platform (GCP) in the future
* Expertise in using **Apache Kafka** in cluster as messaging system between the **APIs** and **microservices.**
* Extensively used the repositories and version control tools like **Git** and **SVN**.
* Delivered architectural designs and solutions for different cloud services like **public, private** and **hybrid clouds**, covering the cloud architecture tiers and portfolios of cloud services **IaaS, PaaS, SaaS**.
* Experience in using build/deploy tools such as **Jenkins, Docker**, and **AWS** for Continuous Integration and Deployment for **Microservices.**
* Worked with **Behavior Driven Development** process and Test-Driven Development (**TDD**).
* Experience in messaging handling services like **Apache Kafka, JMS** and **RabbitMQ**.
* Excellent skills in programming using a wide variety of languages and the ability to **adapt to new latest technologies** and work in a **multi-platform environment**.

**TECHNICAL SKILLS:**

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| **Languages** | **Java 1.8, J2EE** |
| **Web Technologies**  | **SERVLETS, JSP, JavaBeans, Java Servlet API** |
| **Architectures** | **Monolithic, Microservices**  |
| **Frameworks** | **Spring, Spring Boot, Hibernate, Angular, Spring Security, Spring Cloud, Spring JPA** |
| **Application/Web servers** | **Apache Tomcat, Jetty** |
| **Databases** | **SQL server, MySQL, PostgreSQL, MongoDB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript, XML, CSS, Angular, Node JS.** |
| **Cloud Environments** | **Azure, AWS, Kubernetes** |
| **IDE** | **Eclipse, NetBeans, IntelliJ, Spring Tool Suite (STS)** |
| **Operating system** | **Windows 10, Amazon Linux, Unix** |
| **Bug tracking Tools** | **JUNIT, Bugzilla, Curl** |
| **Methodologies** | **Agile, waterfall, Scrum** |
| **Developer IDE Platforms** | **Eclipse, Notepad ++, Visual Studio Code, Net Beans, IntelliJ, Spring Tool Suite (STS), GITHUB, MS Office** |
| **Build Tools** | **Ant, Maven, Gradle** |
| **Web Services** | **SOAP, REST** |

**PROFESSIONAL EXPEREINCE:**

**T-Mobile, Texas June 2023 – Till Date**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in various phases of SDLC as requirement gathering, modeling, analysis, architecture design and development and the project was developed using Agile Methodologies.
* Extensively used **Java8** and **Java11** features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Used **Angular 9** and **Bootstrap** as the front-end framework, with **Typescript, CSS3, and HTML5**.
* Enhanced application performance by **Angular 9** Component based development in view of future Angular framework transitions.
* Designed, developed, and deployed the applications including user interface and their backend components using **Java, J2EE, Angular 9, Spring Boot.**
* Used **Spring Boot** for building application with **Spring initializers and bootstrapping** the build configuration and develop custom solutions that act upon Jenkins information in authentic time.
* Recommend develop strategy for integrating internal security model into new projects with **Spring Security and Spring Boot**.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring MVC** and **Spring Boot**.
* Implemented **Spring boot microservices** to process the messages into the **Kafka** cluster setup.
* Implemented **OAuth2** to secure **RESTful APIs** and generated **tokens**, refreshed tokens, **Accessed tokens**.
* Plans and coordinates the administration of **PostgreSQL databases** to ensure accurate, appropriate, and effective use of data, including database definition, structure, documentation, long - range requirements, and operational guidelines
* Responsible for configuring, integrating, and maintaining all **Development**, **QA**, Staging and Production **PostgreSQL** databases within the organization.
* Enhanced application performance by Angular Component based development in view of future Angular framework transitions.
* Worked closely with **QA team** and **fixed QA** bugs as well as **production issues** within a quicker time.
* Proficient in AWS services like **ECS, EC2, S3, Route 53, AWS Identity and Access Management (IAM), KMS client, AWS encryption SDK**.
* Configured **AWS CLI** and performed necessary actions on the **AWS** services using shell scripting.
* Utilized **AWS CLI** to automate backups of ephemeral data-stores to **S3 buckets and EBS**.
* Extensively worked on **Jenkins** to implement **continuous integration (CI) and Continuous deployment (CD)** processes
* Developed custom **Jenkins** jobs/pipelines that contained Bash shell scripts utilizing the **AWS CLI** to automate infrastructure provisioning.
* Used **Junit** for **unit testing** and implemented with **Log4j** to provide logs of exceptions.
* Initiated and troubleshoot Continuous Delivery builds in **Jenkins** via **JIRA** tickets.
* Responsible for installation & configuration of **Jenkins** to support various Java builds and **Jenkins** plugins to automate continuous builds and publishing **Docker images** to the **Nexus/ECR** repository.
* Experienced in working with version control systems like **GIT** and used Source code management client tools like **GitBash**, **GitHub, Git Lab**.
* Worked with **NoSQL databases**such as **MongoDB.**
* Worked on writing **Mongo scripts** for adding a new data into existing collection.
* Involved in **unit testing**, peer code review process and strongly followed coding standards.

**Environment: Java8, java 11 Angular 9, Spring boot, Kafka, PostgreSQL, Webservices - REST, GIT, Jira, IntelliJ, AWS, S3, ECS, EC2, AWS Key Management Services, Docker, Jenkins CI/CD, Agile methodology, Splunk, mongo DB.**

**TATA Consultancy Services/SAP**   **Jan 2019 – Oct 2022**

**Role:** **Java Developer**

**Responsibilities**

* Involved in analysis, design, and implementation and testing phases of SDLC through Agile Methodology.
* Performed the detailed design of application and technology architecture components and classes.
* Designed and coded application components in an **Agile/TDD** environment utilizing a test-driven development and **SDET** approach and pair-programming.
* Developed powerful Single Page Application and dynamic responsive Web Application with **React JS**.
* Designed and developed the **RESTful** web services using the **JAX-RS API** to communicate over the network.
* Designed, developed, and tested **Java8, HTML5, CSS4, Typescript, Bootstrap, JavaScript, Vue.js** that meets accessibility and web browser standards for website.
* Implemented Hibernate Template to great extent making use of **HQL**, **Named Parameters**, Named Queries, and interfaces such as Expression, Query, and Criteria.
* Implemented the Drag and Drop functionality using **React-Draggable.**
* Used **React-Autocomplete** for creating google map’s location search on the webpage Added **Excel-Builder** to download the Tabular data in Excel format using react.
* Used **Java 8 Method References** feature to point to methods by their names and used **functional Interfaces.**
* Using **Java8** developed several **API’s** as per the business cases and analyses the **current** API with **springBoot**.
* Used **Hibernate Transaction Management**, **Hibernate Batch Transactions** and **Hibernate** Cache Concepts.
* Developed all **REST APIs** using **Hystrix commands** and Feign clients for fault tolerance, handling fallback mechanisms.
* Designed and implemented an application using **Spring Boot, Spring IOC, Spring transactions**, **Dependency Injection**, **Spring Annotations**, **Spring AOP**, **Spring Actuator**, **Spring Container** managed transactions**, Hibernate**.
* Worked on **Jenkins** for the **Continuous integration** and **Continuous Deployment**.
* Developed Restful **API's** using **APIGEE** platform.
* Worked in using **React JS components, Forms, Events, Keys,** Router**, Animations, and Flux concept**.
* Responsible for **React UI** and architecture. Building **components library, including Tree, Slide-View, and Table Grid**.
* Integrated **Swagger UI** and wrote integration test along with **REST** document.
* Worked on **AWS Cloud watch** and **AWS ALB** for Load balancing and worked on **ELB** for the performance testing.
* Used **Microservice** architecture with **SpringBoot** based services interacting through **REST**.
* Used Git for version control and **JIRA** for bug tracking, project management and **Maven** as build tool. Worked closely with **QA team** and **fixed QA** bugs as well as production issues with a quick turnaround time.
* Worked with modules like **MongoDB** and mongoose for database persistence using **Node.js** to interact with **MongoDB**.
* Handled operations and maintenance support for **AWS cloud** resources which includes launching, maintaining, and troubleshooting **EC2 instances**, **S3 buckets**, **Auto Scaling**. Also created snapshots for data to store in **AWS S3**.
* Administered and deployed applications into **WebSphere** Application Server.
* Extensively used different **Spring modules** like **Spring Boot, Spring Core, Spring JPA**, **Spring Rest** and **Spring Cloud**.
* Utilized **SpringDataRest** for dynamically filter collection resources that allows to hook into the handling of **REST** requests by handling **SpringApplicationEvents**.
* Worked on **Rest Web services** for backend services, used **Couchbase DB (NoSQL)**for database services.
* Implemented **swagger** in project for api design, build, document, and consume RESTful Web services.
* Used **JPA** to implement Service and Repository layers.
* Implemented **CI CD** pipelines using Jenkins and build and deploy the applications.
* Developed Test Cases and performed unit test.
* Used **CI** tool **Jenkins** to automate the compilation and implemented continuous delivery with **Docker** to run all the tests cases before generating war file.
* Modularized frontend **CSS** and **JS** code with **Sass** built a real time mouse/click user analytics web service with **Node.js**.
* Created **JSON** request and validated the response using **postman Interceptor** and **SwaggerUI**.
* Used **Log4J 2** for logging and tracing the messages.
* **Template** and **Hibernate Template** to perform the **database operations** by connecting to **Data sources** available.
* Technologies utilized include various **J2EE** technologies like **Hibernate,** and Service Oriented Architecture (**SOA**) for designing services interface.
* Responsible for writing the Design Specifications for the generic and application specific web services in **Groovy** n **Grails**.
* Configured **Cucumber** Report Plugin and Performance Plugin to **Jenkins** to generate html test reports.
* Configuring infrastructure for deployment of **Middleware** application through **APIGEE**.
* Troubleshooting and monitoring **API** proxies running on **Apigee** using **Trace** tool.
* Worked with **Docker** to deploy **Microservices** in modern containers to increase Isolation.
* Used **GIT** for version control and involved in writing the build scripts using **Maven**.
* Worked with **NoSQL databases**such as **MongoDB.**
* Design complex **SQL Queries**, stored procedures &amp; triggers on **SQL Server** database.
* Used **Stored Procedures** for applications that needed to execute as part of a scheduling mechanisms.
* Involved in understanding **SDLC** using **Agile - Behavior Driven Development (BDD) model.**

**Environment: JDK 1.8, Spring Boot, Spring Security, Spring JPA, Hibernate, AWS, CI CD, ReactJS, IAM, EBS, EC2, S3, Spring AOP, SQL, Log4J 2, Spring Data Rest, Typescript, Maven, Eclipse HTML5, CSS4, Git,** **Junit, NoSQL, JSON, JIRA, Actuator, Postman, MongoDB, Jenkins, Maven, Groovy, REST, Docker, Kubernetes, Swagger UI, Spring data, cucumber, Junit, Splunk, Kafka.**

**Ktree Jan 2017 – Dec 2018**

**Role: JAVA Developer**

**Responsibilities:**

* Involved in every phase of software development life cycle with object-oriented approach for continuously satisfying client requirements.
* Implemented server-side programs by using **Servlets** and **JSP**.
* Developed the UI using **Java Servlets**, **Java script**, **HTML**, **CSS3, Ajax**.
* Developed the **Action classes** for handling the requests from the **JSP** pages.
* **Apache Tomcat** Serve is used for deploying the projects.
* Helped in designing and creating the database structure and its tables to minimize the storage of data.
* Developed **Java Bean** components to communicate with Data Base.
* Developed the **Ant scripts** for preparing **WAR files, EAR, EJB** used to deploy **J2EE** components.
* Created tables, Views, Types, triggers, complex join queries, stored procedures, and functions and
* modification to exciting database structure as required for addition of new features.
* Developed various **GUI** interfaces using **Java AWT and Swings.**
* Involved in Designing the Database Schema and writing the complex **SQL** queries.
* Involved in Code reviews for other modules developed by peers.
* Designing and establishing the process and mapping the functional requirement to the workflow process.
* Accessed stored procedures and functions using **JDBC** Callable statements.
* Used **PL/SQL** to code packages, store procedures, functions, and loaders.
* Created Unit, Acceptance and Integration Test Documents and Code Review Documents.

**Environment: Java, J2EE, JSP, ANT, Servlets, WebLogic, SV, JDBC, HTML, CSS3, JavaScript, Junit**, **Ajax, RSA, Junit, MVC, Apache Tomcat and MY SQL, EJB.**