### Abhishek Mahesh

### Senior Java Developer

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**PROFESSIONAL SUMMARY:**

* Around **5 Years** of experience in Software Development Life Cycle (**SDLC**) including Design, Development, Implementation, Integration, Documentation and Deployment.
* **4+ years** of experience in developing applications using various **J2EE** technologies like **Java 8, Spring Boot, REST, Hibernate ORM, Spring Data JPA, Spring Security, Spring Batch, JDBC, JSP, XML.**
* **2+ years** of experience in building static as well as dynamic pages using **React JS, Redux, JavaScript, jQuery, JSON, AJAX, HTML, CSS, Bootstrap.**
* Good experience in using **Microservices** and **RESTful Services, Jersey, Docker, and Kubernetes.**
* Strong Knowledge in **Java 8** features like **Lambda** Expressions and **Stream API**.
* Experienced in **RESTful, SOAP API** implementations on top of middleware application as a communication interface.
* Worked with Design patterns like **MVC** (Model View Controller), **DAO** (Data Access Object), and **DTO** (Data Transfer Object) and Circuit Breaker design.
* Strong Understanding of **Middleware Architecture** and its integrations with external services.
* Worked on database operations using **SQL/NoSQL** databases such as **MySQL and Mongo DB.**
* Experienced in using web application servers like **Apache Tomcat, WebLogic, and WebSphere**.
* Worked with cloud technologies like **Amazon Web Services (AWS)** in **S3 Bucket**, **Lambda**.
* Experience in handling Messaging services like **Apache Kafka.**
* Proficient in Unit Testing using **JUnit** and **Mockito** and integration, building and testing with **Jenkins**.
* Extensively involved in Production Support and fixing the problems.
* Experienced in Operations, Testing, Configuration, Code Management, Maintenance and Production Support.
* Working with Release Management to ensure successful release of the project with planned activities.
* Excellent communication and Inter-Personal Skills, well organized, goal-oriented, and ability to work effectively while working as a team member as well as individually.

**TECHNICAL SKILLS:**

Languages : C++, Java, Python, JavaScript.

J2EE Technologies : JAVA 8, Spring Boot, Hibernate, JDBC, JSP,JPA, JUnit, Mockito, Maven, Gradle, Jenkins,Log4j, Web services (REST, SOAP), JAX RS, Jersey.

Frameworks: Spring MVC, Spring Boot, Spring Data JPA, Spring Batch Spring Cloud, Spring Security, Hibernate, Reat JS, Angular, Kafka, Spring Shop.

Web Technologies: React JS, Typescript, XML, AWS, HTML, jQuery, JSON, Bootstrap, Node JS.

Databases: SQL, MySQL, Mongo DB, Oracle PL/SQL.

Servers: Apache Tomcat, HTTP Web Server, WebLogic, Web Sphere, MS SQL Server.

Methodologies: Agile, TDD (Test Driven Development), Scrum, OOAD, Waterfall, Design Patterns.

IDE: Eclipse, Spring Tool Suite, Notepad++, Sublime Text.

Operating Systems: Windows, UNIX, Linux, Mac.

**PROFESSIONAL EXPERIENCE:**

**Client: TD Ameritrade, Ann Arbor, MI Sep’20 - Till Date**

**Project: House Holding**

**Role: Java Developer**

**Description:** TD Ameritrade provides services for investors and traders. They provide different ways like an online application or mobile apps for the investor to register independently. One of such financial assets is for household and retirements. The part of the project requires developing secured web services for the transaction for internal cash management with vendors and debit card activity managements.

**Responsibilities:**

* Communicate with stakeholders and the team to understand the requirements and follow **Agile** software development methodology.
* Responsible for developing an enterprise transaction publisher for broadcasts and worked on internal cash management and debit activities.
* Worked on **Java** for **Microservices** **architecture**-based applications from scratch using **Spring Framework** and **React JS** and **Java 8**.
* Developed new **Restful Services** to be consumed by external applications.
* Made use of **Spring Boot** to rapidly develop the application with certain **microservices** and deployed them with the application.
* Developed **GUI** for front-end and a message-driven back-end that runs against distributed databases.
* Developed dashboards using **React JS**, **Bootstrap** and **MySQL**.
* Created User Interface designs using **HTML**, **CSS**, **JavaScript**, **Typescript**, **JSON**, **AJAX**, **jQuery**, **JSP** and related web technologies.
* Worked on **CI/CD pipeline** for simultaneous Integration and testing of services using Jenkins.
* Perform data modeling including querying both relational and **NoSQL** databases, writing queries, and query optimization for performance.
* Configuring the logs using **log4j** and helped in the maintenance of the applications.
* Made security in **Spring** application to run in **WebSphere** using **Jenkins** for **microservices**.
* Used Kafka server for communicating within **Microservices** and monitoring its other activities.
* Performed Unit Testing and Integration Testing. Fixed bugs and production issues reported by the QA team.
* Developed **REST API** to process the data from DB to another Rest Service
* Developed API’s for the new interfaces and updated the existing API’s for the new and existing interfaces and external vendor applications to call, the development and update of the REST API’s were carried out in swagger 2.0.

**Environment:** Java 8,Spring Boot, REST Web services, JavaScript, Typescript, HTML, CSS, JSON, AJAX, jQuery, JSP, React JS, Web Sphere Application Server, Kafka, MySQL, Jenkins, JUnit and Mockito.

**Client: Verata Health, Orlando, FL Dec’19 - Aug’20**

**Project: Electronic Data Processing (EDP)**

**Role: Senior Software Engineer**

**Description:** The project in EDP was a web application used by physicians and customers to upload patient’s medical data that would provide a true end-to-end solution for simple as well as clinically complex processes of prior authorization. My task was to work on a CCDA application (Customer Common Data Access Layer) which provides a set of APIs using REST web services for different clients which reads information about the patients current and previous health conditions etc.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle **(SDLC)** as requirement gathering, data modeling, analysis, architecture design & development for the project.
* Using **MVC** design pattern, designed and developed application using **Spring MVC Framework**.
* Made use of **Spring Boot** to rapidly develop the application with certain micro services and deployed them.
* Developed **REST**clients using **Spring REST** template to interact with existing **REST Microservices**.
* Designed and implemented **Restful Web services** using Jersey implementation for serving client programs in different platforms like **Web**, **iOS**, and **Android**.
* Used Spring Batch to develop batch processing to handle bulk requests from the clients for creation of the tokens.
* Used Eureka Server for registering the microservices and communication between **Microservices**.
* Used the loose coupling feature in **JMS** for asynchronous and reliable message communication between components.
* Involved in writing Thread Safe blocks for **Multithreading** access to make valid transactions.
* Used **HTML**, **Bootstrap**, **CSS**, **JavaScript** and **React** to design dynamic and browser compatible pages.
* Worked on a **proof-of-concept** using **Responsive Web design, AJAX, HTML**, **Node JS**, **React** and **JavaScript**.
* Integrated **Spring** and **Hibernate** configured logging and developed exception handling for the application.
* Developed **REST API** to process the data from DB to another Rest Service.
* Designed and Developed Module based persistence layer under the guidance of **DAO design pattern**, **ORM/JPA principles**, using **Hibernate** and **Spring Data JPA**.
* Created connections to database using Hibernate APIs to retrieve data by using **Hibernate** Template and store data to the database with Hibernate transaction control.
* Used Persistence layer using **JPA framework** for providing POJO persistence model for object-relational mapping.
* Implementing new projects builds framework using **Jenkins** & **Maven** as build framework.
* Setting up **AWS RDS** databases for new projects, use a data pump to migrate data to Relational Database Services **(RDS)**.
* Configured Identity and Access Management **(IAM)** groups and users in **AWS** for improved login authentication.
* Created unit test cases using **JUnit** and **Mockito**.

**Environment:** Java 8,Spring Boot, Spring Shop, REST Web services, JavaScript, Typescript, HTML, CSS, JSON, AJAX, jQuery, JSP, React JS, Eureka Server, Kafka, Mongo DB, Jenkins, JUnit and Mockito.

**Client: Cigna, India Jul’18 Jul’19**

**Project: EFLOW**

**Role: Associate Engineer**

**Description:** EFLOW is a provisioning workflow and Order Management system which automates with processes of provisioning for a variety of products like Networx, Broadband, 8xx, Data, Dial Products, IQ, VOIP, and SIP Trunk. This system automates the provisioning process by creating the modular workflow orders (Engineering Orders) from the parent (Sales Order). These modular workflow orders are assigned to the provisioning users or technicians for further provisioning. This application also interacts and integrates with other systems which includes, ordering, inventory, and billing. EFLOW’s Workflow Development Framework and Infrastructure service functionally de-couples and logically integrates applications, vendor products and business entities. EFLOW system supports both Manual and Automated and partly manual and automated workflow processes. This application is built using Java J2EE, JMS including Web services.

**Responsibilities:**

* Involved in Scrum process of **Agile** methodology in Requirement gathering, Design, Analysis and Code development through iterations.
* Worked on requirements gathering, analysis and design for the Enhancement Tasks and Project Change Requests.
* Made use of Object-Oriented concepts like Inheritance, Polymorphism and Abstraction for Coding in this migration project.
* Worked with complex SQL queries including Inner Queries and Joins to retrieve the data efficiently from the database.
* Used **HTML**, **JSP**s, and **CSS** for **GUI** and **Java Script** for client-side validations.
* Used **AJAX** for interactive content display without page refresh.
* Used **SVN** for software configuration management.
* Used Spring **DAO** for database access.
* Used **DOM** parsers for **XML** parsing.
* Application was developed using **Spring Framework**.
* Responsible for coordinating with offshore team, doing their code review and development track.
* Coordinating with QA team to troubleshoot and fix bugs using defect tracking.

**Environment:** Java 8, J2EE, XML, HTML, JSP, CSS, Eclipse, SQL, Spring, Java Script, Maven, Oracle 10g, SVN, WebLogic 10.3.

**Client: Petrofac Pvt Ltd, Mumbai, India Jul’17 Jun’18**

**Project: Inventory and Schedule Management System**

**Role: Software Developer/Intern**

**Description**: Assisted projects to create uniform methods to adapted procedures using Proposal engineering. Used data to generate graphs to interpret results for operational improvements. Prepared and maintained inquiry requisition and offshore platform guidance. Transformed project data requirements into reusable factory data models.

**Responsibilities:**

* Participated in Defining and designing the layers and modules of the project using **OOAD** methodologies and standard **J2EE** design patterns guidelines.
* Assisted in developing **UI** and importing data from the database using a framework for keeping tracks of oil and gas upstream.
* Gained experience in **Core Java**, **object-oriented programming**, and **J2EE** Design patterns.
* Worked with Java development Frameworks like **Spring**, **XML** and Jersey.
* Exposed to using with **HTTP** servers like **Apache** and **Tomcat**.
* Worked on database connectivity in **TOAD** with **MYSQL**.
* Application development in **Java** and frontend technologies like **JSP**, **HTML**, **CSS**, **JavaScript**.
* Developed custom plugins for web pages using **JavaScript** and **jQuery**.
* Used Unit for resolving code errors and bugs in the application.

**Environment:** HTML, CSS, JavaScript, jQuery, Java, JSP, Spring, Jersey, Tomcat, JUnit, MySQL.

**EDUCATION:**

* **Bachelor of Engineering in Computer Engineering, University of Mumbai.**
* **Master of Science in Computer Science, University of Central Florida, USA.**