**Jayesh Lad**

**BACKGROUND SUMMARY**

* Around 5 years of experience in cross-platform (Web & Client-Server) application development and design using Object-Oriented Programming, Core Java, and J2EE technologies.
* Proficient in various stages of the Software Development Life Cycle (SDLC) and Agile methodologies, ensuring timely and quality deliverables.
* I am experienced in Java, Servlets, JSP, Spring Boot, JDBC, Microservices, Java Beans, JavaScript, React and Spring frameworks.
* Strong understanding of Core Java concepts including Data Structures and Algorithms, Collections, and Exception Handling.
* Experience in developing Automation Frameworks and Automation scriptsusing Selenium
* Experienced in developing applications using Spring Boot and implementing Hibernate for efficient database access methodologies.
* Experienced in utilizing AWS services including EC2, and S3 for scalable and secure application deployment.
* Delivered high-quality Spring MVC applications, following best practices to resolve issues and enhance performance.
* Experience in developing microservices using Spring Boot, adhering to domain-driven design principles.
* Ensured cross-browser and cross-platform compatibility in web applications using MERN Stack and other modern technologies.
* Proficient in creating and consuming RESTful web services using Spring Boot and Spring Rest Controller.
* Experienced in using Jenkins and Maven for efficient build and deployment processes.
* Experience in RDBMS (SQL Server, Oracle, MySQL, PostgreSQL) and NoSQL databases (MongoDB).
* Well-versed in version control tools like Git for efficient code management.

**TECHNICAL SKILLS**

**Languages:** Java, C, C++, PL/SQL, Python

**Web technology:** Servlets, J2EE**,** JSP, HTML, CSS, JavaScript, XML, React

**Java Technology:** Spring, Spring Boot, Spring Hibernate, JDBC.

**Web Services** REST, XML**,** SOAP

**Databases** PostgreSQL, SQL Server, MySQL, MongoDB

**Web/App Servers:** Java Web Server, Apache Tomcat,

**Build Tools:** Jenkins, Maven

**IDE:** IntelliJ, Eclipse, VSCode, SpringToolSuite

**Frameworks:** Spring Boot, Spring, Hibernate, Log4j, Junit, ReactJS

**Testing Tools:** Junit, Mockito, Selenium

**Operating Systems:** Windows, UNIX, LINUX

**Development Methodologies** Agile Methodologies, Waterfall Model, Test driven,

**Version Control** GIT

**WORK EXPERIENCE**

**Veracity Software Inc.**

**Project: Inventory Management System Enhancement**

**Client: Lowe’s Companies, (Remote) Jan-2024 - Current**

**Description:** In this project, I contributed to the development and enhancement of an inventory management system using Java. Assisted in implementing new features and optimizing existing services for better performance and scalability. Collaborated with the quality assurance team to develop an automation testing suite using JUnit and Selenium, ensuring comprehensive test coverage and faster release cycles.

**Role: Software Developer (Java)**

**Responsibilities:**

* Used SQL navigator and PL/SQL for the database enhancement.
* Used Tomcat server for the application development and deployment and JIRA for issue tracking.
* Used Log4J API for logging and used JUNIT framework for Unit testing of application.
* Used Maven and Gradle for dependency and configuration management to add dependent external jars and bundles, run and deploy the application.
* Used JIRA to handle software development issues.
* Developed applications using React.js, Java8 and new features of java (lambda expressions).
* Strong Knowledge in MERN/MEAN stack with vast experience in building Web Applications, used /ReactJS for client side, Node.js/Express for server side and MongoDB, SQL Server for database
* Extensively worked on Spring JDBC, Spring Hibernate ORM and JPA for data persistence.
* Used Postman to test the RESTful API for HTTP requests such as GET, POST, and PUT.
* Used Axios in application to retrieve data from Back-End and to also perform RESTFUL services.
* Used Junit and Mockito for unit testing.
* Used Docker as a container for Creating, Deploying, and running applications.
* Customized RESTfu**l** Web Service using Spring RESTfulAPI, sending JSON format data packets between front-end and middle-tier controller.
* Involved in various phases of project development following Agile Methodology.

**Environment:** Java1.8, REST Web services, Spring Boot, Spring, JPA, React, Hibernate, JUnit, Mockito, HTML 5, CSS3, JSP, EJB, HTML, XML, Web Services, JavaScript, Axios, GitHub, Jira, Eclipse.

**EPAM Systems, India Sep-2018 to July-2022**

**Project: Automated Testing for E-commerce System**

**Client: Shree Cement Pvt Ltd. Jan-2022 to Jul-2022**

**Description:** In this project, I developed and implemented a java-based solution to streamline order processing for an e-commerce platform. The project involved building scalable backend services, optimizing order workflows, and creating automated tests using Selenium and JUnit for continuous integration. The automation suite improved testing efficiency, reducing manual intervention and ensuring robust quality assurance throughout the development cycle.

**Role: Software Developer (Java)**

**Responsibilities:**

* Involved in the design and development phases of Agile Software Development.
* Involved in analysis, design and development and testing phases of the application development using Scrum Agile methodology.
* Created Spring boot applications testing suite using Spring Junit Plugin and Mockit**o** framework.
* Developed Restful API utilizing Spring Boot with Spring MVC.
* Integrated business layer using Hibernate with Spring DAO.
* Used various Core Java concepts such as Exception Handling and Collection API to implement various features and enhancements.
* Used GIT for checking in and checking out the code among team members.
* Developed JAVA classes for implementing the JDBC based transactions on Database
* Understood, Debugged, and rectified other developer’s J2EE code modules to implement changes and resolve errors.
* Used Hibernateto configure database tables for performing database transactions.
* Implemented service layer code to hash sensitive data before sending it to DAO.
* Used Eclipse as IDE for development.
* Used JIRA for defect tracking and project management.

**Environment:** Java 1.8, J2EE, Spring MVC, Spring Boot, Hibernate, MySQL, Junit, Mockito, JIRA, GIT, Maven, HTML, JavaScript, CSS, Jenkins, Windows, Linux, SQL Server, Postman

**Project: Logistics Management System Development**

**Client: Tanushree Logistics, India March-2020 to Dec-2021**

**Description:** In this project, I played a key role in developing a full-stack web application to streamline daily organization operations. Using Java, Servlets, and JSP, I helped create user-friendly interfaces and backend services that improved operational efficiency by 40%. I was involved in integrating third-party APIs to enhance the application’s functionality and provided a comprehensive solution for organization management and tracking. Throughout the project, I followed best practices in software design and development, ensuring the application was scalable and maintainable.

**Role: Junior Software Developer (Java)**

**Responsibilities:**

* Implemented user-friendly interfaces and backend services, ensuring seamless integration and functionality across various organization processes.
* Involved in analysis, design and development and testing phases of the application development using Scrum Agile methodology.
* Integrated various third-party APIs to enhance functionality, providing a comprehensive solution for organization management and tracking.
* Ensured the scalability and maintainability of the application by following best practices in software design and development.
* Designed the user interfaces using JSPs, developed custom tags, and used JSTL Taglib.
* Developed various javabusiness classes for handling distinct functions.
* Established Database Connectivity using JDBCfor MySQL.
* Written SQLqueries, PL/SQLstore procedures and Triggers to fetch and store data from the database.
* Develop unit and integration test suites using Selenium framework to ensure defect free code and code coverage.
* Involved in manual and automated testing.
* Developed user modules to upload the spreadsheet data collected.
* Provided support for the application.

**Environment:** Java 1.8, HTML, CSS, PHP, JIRA, GIT, Windows, JDBC, Apache Tomcat, SQL Server, Postman, Selenium.

**Project: Workfusion core features development**

**Client: Workfusion , Poland Sep-2018 to Feb-2020**

**Description:** In this project, I contributed to the development of core automation features for WorkFusion's platform using Java. Implemented and optimized backend services, integrated third-party APIs, and enhanced the platform's performance and scalability. Collaborated with cross-functional teams to design and deliver solutions that improved process automation and efficiency for enterprise clients.

**Role:** **Junior Software Developer (Java)**

**Responsibilities:**

* Implemented Spring MVC architecture to increase modularity and separation of concerns using Spring AOP.
* Extensively used JDBC for database communication, ensuring efficient data storage and retrieval.
* Developed and maintained RESTful APIs for smooth data exchange between system components.
* Diagnosed and resolved issues related to Java-based applications, optimizing performance, and enhancing user experience through targeted solutions and performance tuning.
* Worked closely with the development team to debug and troubleshoot critical problems, contributing to continuous product improvement and feature enhancement.
* Delivered technical training and documentation to support teams, enhancing their ability to handle common issues effectively.
* Used JIRA for defect tracking and project management.
* Worked on ELK Stack (Elasticsearch Logstash Kibana) for going through logs and monitoring the automated business processes.
* Provided implementation support and assisted in resolving the production issues for the project.
* Involved in sprint planning sessions and participated in Agile SCRUMmeetings and understood use cases and class Diagrams within Designing phase

**Environment:** Java 1.7, Core Java, Workfusion, JSON, ELK, JIRA, GIT, Linux, Windows, SQL Server, Spring MVC, Spring Security, HTML, CSS, Postman, SAP.

**EDUCATION**

Pace University, Seidenberg School of Computer Science, and Information Systems New York

MS in Computer Science Sept 2022 - May 2024

GPA: 3.85/4.0

Mumbai University, Pillai’s College of Engineering New Panvel , Maharashtra

B. Tech in Computer Engineering Aug 2014 - May 2018