

Summary

Experienced Full Stack Developer with 5+ years of expertise in designing, developing, and testing scalable web applications. Proficient in Java, Spring Boot, Hibernate JPA, and J2EE technologies. Skilled in creating RESTful web services, automating tests, and optimizing performance. Adept at problem-solving, effective communication, and teamwork in Agile environments, delivering robust, data-driven solutions with a focus on quality and efficiency.

Technical Skills

- **Front-end Technologies:** HTML5, CSS3, JavaScript, Angular, React.js, Angular, Bootstrap, jQuery, AJAX, Redux
- **Back-end Technologies:** Java, Spring Boot, Spring core, Hibernate, Micro-services, Node.js, Express.js, MVC Framework, SOAP, RESTful APIs, Maven, JDBC, JPA, Spring MVC, XML, Jest, J2EE, JPA, Java Servlet
- **Databases:** MySQL, MongoDB, PostgreSQL, NoSQL, Oracle, MS SQL Server
- **Tools and Technologies:** Selenium, Amazon Web Services (AWS), Microsoft Azure, Docker, Kubernetes, Terraform, Git, Kafka, Jenkins, GitHub, Agile, Scrum, JIRA, SDLC, Gradle, JUnit, Postman, Data Structures and Algorithms

Professional Experience

Full Stack Java Developer, *Insight Global, LLC (Client - General Motors)*

10/2021 – Present | Remote, USA

- Designed and developed microservices using Java 17, Spring Boot and Apache Kafka, consuming and producing events across various services, and ensured seamless integration and data flow, achieving real-time communication.
- Integrated React with the Spring Boot backend to create a full-stack web application, leveraging React's dynamic user interface capabilities and Spring Boot's API development features, resulting in an efficient and responsive application.
- Implemented RESTful web services using Spring Boot, Spring Data JPA, and Oracle DB, facilitating efficient data retrieval and manipulation, and enhanced data access speed by optimizing SQL queries.
- Architected high-performance REST APIs with Spring Boot, integrating Redis caching and SQL optimization techniques, reducing response times by up to 50% for high-volume applications.
- Developed complex business logic using Spring-based POJOs and configured Kafka to manage messaging between microservices and utilized Hibernate JPA to build a robust persistence layer.
- Enhanced code quality by implementing design patterns, conducting code reviews, and performing Sonar analysis, and deployed microservices on PCF, ensuring reliability and maintainability in production environments.
- Executed functional and component tests using Cucumber, JUnit, and Mockito, within a Kubernetes environment, and leveraged Docker for Kafka, Oracle, and Redis, ensuring consistent integration and high reliability.
- Designed and optimized Spring Boot micro services by integrating GCP Pub/Sub, Redis cache, and conducting architecture reviews, improving performance and reliability. Migrated services to Azure, developed REST APIs with robust testing, and implemented Tekton CI/CD pipelines with automated security and quality scans.

Full Stack Developer, *Atoka Technologies*

07/2021 – 10/2021 | Irving, USA

- Developed and integrated RESTful APIs using Spring IOC, Spring MVC, and Hibernate, enabling seamless data flow and communication across the application, and utilized Spring AOP for efficient transaction management.
- Designed dynamic web pages using HTML5, CSS3, and Bootstrap, ensuring responsive UI/UX, and enhanced client-side validation with JavaScript for improved form handling and user experience.
- Implemented and optimized complex SQL queries and stored procedures in PL/SQL, ensuring efficient data retrieval and management within the Oracle database using SQL Developer.
- Managed source code and resolved conflicts using GIT, ensuring smooth collaboration and version control across the development team, and logged development errors using Log4j for proactive issue resolution.

Full Stack Developer, *Genpact*

05/2017 – 07/2019 | Bangalore, India

- Implemented a dynamic front-end using Angular, enhancing user experience through responsive design and efficient state management with NgRx, which facilitated seamless data binding and improved application responsiveness by 30%.
- Developed a comprehensive web application to automate business processes, leading the full software development lifecycle, from requirement gathering to testing, following Agile methodologies to ensure timely and efficient delivery.
- Built RESTful web services using Spring Boot, integrated with Spring MVC and Hibernate JPA for data management, and utilized Swagger to auto-generate API documentation, improving communication among development teams.
- Leveraged Java 8 features like Lambda expressions and Stream API to optimize data processing within collections, enhancing application performance by 25% in data-intensive operations.
- Designed and implemented server-side components using J2EE technologies, including JDBC, Servlets, and JSP, to create a scalable and data-driven architecture, supporting complex business functionalities.
- Developed and executed automation test suites for desktop and web applications, utilizing Ranorex with C# and Selenium WebDriver, respectively, reducing manual testing time by 40% and increasing testing efficiency.
- Created interactive web services for retrieving data from Oracle DB, significantly improving data retrieval times and streamlining user interactions with a simplified interface.

Education

Master of Science, *University of Houston*
Computer Science

08/2019 - 05/2021 | Houston, TX

Bachelor of Technology, *GITAM University*
Electronics and Communication

06/2013 - 07/2017 | A.P., India