

Ramesh Maneddi

Andhra Pradesh, Kakinada, 533435 | +91 8309278773 | rameshmaneddi6@gmail.com

[Linkedin](#) | [Github](#)

Summary

A dedicated Java Backend Developer with 3 years of experience in developing and maintaining robust and scalable backend systems using Java and Spring Boot. Proficient in building RESTful APIs, handling databases, and implementing best practices in software development. Passionate about delivering high-quality code and solving complex problems in a collaborative environment.

Education

Master of Computer Applications,

Jawaharlal Nehru Technological University, Kakinada,
2018 - 2021.

Relevant Courses: Data Structures, Algorithms, Software Engineering, Database Management Systems, Web Development, Programming Languages, Network Security

Work Experience

Junior Java Developer / Backend Developer

Miracle Software Systems, Inc, Vishakhapatnam | Apr 18, 2022 - Present.

- Developed and maintained backend services and microservices using Java and Spring Boot, ensuring high performance and responsiveness.
- Designed and implemented RESTful APIs to interface with front-end applications, enhancing the functionality and user experience.
- Collaborated with front-end developers, UX designers, and product managers to deliver seamless software solutions on time.
- Conducted unit and integration testing using JUnit and Mockito to ensure the reliability and functionality of the code.
- Participated in code reviews, providing constructive feedback to peers and improving overall code quality within the team.
- Optimized database queries and backend processes, resulting in a significant reduction in load times and improved system efficiency.
- Implemented security best practices in API development, ensuring data protection and compliance with industry standards.

Skills

- **Programming Languages & Web Technologies:** Java, SQL, HTML, JavaScript
- **Frameworks & Libraries:** Spring Boot, Spring Batch, Spring JPA, J2EE
- **Databases:** MariaDB, MySQL, PostgreSQL, MongoDB, H2 Database
- **Query Languages:** SQL, MongoDB Query Language (MQL)
- **Testing & QA:** JUnit, Test-Driven Development (TDD), SonarQube
- **DevOps & Tools:** Git, Bitbucket, Maven, Jenkins, Docker, Apache Tomcat Server, CI/CD pipelines
- **Cloud & Infrastructure:** AWS Services (EC2), Microservices architecture, RESTful API development and integration, Kafka, Caching
- **Methodologies:** Agile (Scrum, Kanban)
- **Interests:** React Js, Java Script

Interests

- Exploring front-end technologies like **React.js** and **JavaScript**
- Expanding expertise in full-stack development and modern UI frameworks

Projects

ServicesBay [2022 - Till now]

- **Description:** Developed a comprehensive web application designed as a recruitment platform, serving as a bridge between vendors/recruiters, customers, and job seekers in the county.
- **Role:** Backend Developer
- **Technologies Used:** Java, Spring Boot, MySQL, RESTful APIs, Maven, JUnit, Notification Emails
- **Key Responsibilities:**
 - **Backend Development:** Built and maintained backend services using Java and Spring Boot to handle user authentication, job postings, and application management.
 - **API Design:** Developed RESTful APIs for communication between the frontend and backend, enabling features like job searches, candidate applications, and recruiter management.
 - **Database Management:** Designed and optimized the MySQL database schema to efficiently store and retrieve job listings, user profiles, and application data.
 - **Testing:** Implemented unit and integration tests using JUnit to ensure the reliability and functionality of the application.

Mcafe (Internal Project) [2022 - Till now]

- **Description:** Developed a mobile application for streamlined employee expense management, covering expenses like food, accommodation, travel, meetings, and events. The app allows users to submit and track expenses, with hierarchy-based tracking for managers to oversee approvals. Key features include real-time notifications, report generation, and a user-friendly interface, ensuring a smooth experience for both employees and management.
- **Role:** Backend Developer
- **Technologies Used:** Java, Spring Boot, MySQL, RESTful APIs, Maven, JUnit, Microservices Architecture, Kafka, Firebase Push Notification, SMS Services, Emails
- **Key Responsibilities:**
 - **Backend Development:** Built and maintained backend services using Java and Spring Boot to handle expense submission, tracking, and approval processes, ensuring efficient communication between the company and its employees.
 - **API Design:** Developed RESTful APIs for seamless communication between the mobile frontend and backend, enabling features like expense submission, real-time status updates, hierarchy-based approval workflows, and report generation.
 - **Database Management:** Designed and optimized the MySQL database schema to store and retrieve expense records, user profiles, approval hierarchies, and other key data, ensuring data integrity and quick access times.
 - **Testing:** Implemented unit and integration tests using JUnit to ensure the reliability and functionality of the application. and recruiter management.

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

M.Ramesh,
Visakhapatnam.