

RAMESH MANEDDI

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Kakinada, Andhra Pradesh – 533435

Objective

A dedicated Java Backend Developer with more than 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

Godavari Institute of Engineering and Technology, Rajahmundry **July 2018 – June 2021**
Master of Computer Applications *GPA: 7.4/10*

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

Aditya Degree College, Rajahmundry **July 2015 – June 2018**
Bachelors of Computer Applications *GPA: 8.14/10*

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

Technical Skills

Programming Languages & Web Technologies: Java, SQL, HTML, JavaScript

Frameworks & Libraries: Spring Boot, Spring Reactive, 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)

Experience

Miracle Software Systems, Inc. **January 2022 – Present**
Junior Java Developer *Andhra Pradesh, India*

- Developed and maintained scalable backend services and microservices using Java and Spring Boot
- Designed and implemented RESTful APIs for seamless frontend-backend integration and enhanced user experience
- Built and optimized SQL/NoSQL databases (MySQL, PostgreSQL, MongoDB, H2), focusing on schema design, query optimization, and indexing for performance
- Integrated AWS Textract and OCR solutions to automate data extraction, improving workflow efficiency
- Implemented Kafka for asynchronous communication between microservices, enhancing system reliability and scalability
- Managed application deployment and monitoring across Dev, UAT, and Prod environments with smooth release management
- Conducted unit and integration testing using JUnit and Mockito to ensure code quality and stability
- Applied security best practices for API and database management to safeguard sensitive data
- Integrated Firebase notifications, SMS, and email services for real-time user communication
- Collaborated with cross-functional teams to deliver robust, user-focused features for recruitment and expense management platforms
- Continuously optimized backend processes to reduce latency and boost overall system performance

Projects

ServicesBay | *Java, Spring Boot, MySQL, RESTful APIs, Maven, JUnit, Notification Emails* [Link](#) **April 2022 – Present**

- Developed a recruitment platform connecting vendors, recruiters, customers, and jobseekers.
- Built and maintained backend services for authentication, job postings, and application management.
- Designed and optimized MySQL database schemas for efficient data handling.
- Implemented RESTful APIs for smooth frontend-backend integration and reliable unit testing with JUnit.

Mcafe | *Kafka, Microservices, Firebase Notifications, SMS, Emails* [Play Store Link](#) **March 2023 – Present**

- Developed a mobile expense management app for employees and managers to track and approve expenses.
- Built microservices-based backend architecture for scalability and real-time communication.
- Integrated Kafka for asynchronous processing and Firebase/SMS for real-time notifications.
- Designed optimized MySQL schemas for expense tracking and approval workflows, ensured reliability with JUnit testing.

JanaSainik | *Java 8, Spring Boot, JPA, MySQL Database, cache, AWS* [Play Store Link](#) **June 2023 – December 2023**

- It is a Political Campaign Management Mobile Application used for adding members, conducting events, tracking voters, broadcasting messages, and resolving issues across multiple hierarchical roles.
- Involved in designing and developing REST APIs, implementing role-based access control, handling voter and member synchronization, and managing real-time event tracking using QR code scanning.

Janavani | *Java 8, Spring Boot, Spring Data JPA, MySQL* [Link](#) **January 2024 – March 2024**

- It is a citizen grievance redressal and monitoring system that allows voters to raise issues, which are assigned to respective government officers based on department and location. JSP Leaders can track the progress and coordinate resolutions through the system.
- Involved in designing and developing RESTful APIs, preparing technical design documents, managing user modules like Voters, Activities, Issues, Projects, Invitations, Recommendations, and Reports, and integrating role-based access for Admin, Officers, and JSP Leaders.

Achievements

- Awarded “Employee of the Month” for the month of September 2024.
- Worked with the CEO and Directors of Miracle Software Systems.