SOWJANYA S

Java Backend Developer
Bangalore, India
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PROFESSIONAL SUMMARY

Java Backend Developer with 2+ years of total IT experience and 1.6+ year of hands-on experience in building scalable backend systems **using Java, Spring Boot, Microservices,** gRPC, **REST APIs, Redis**, and **MySQL** databases. Strong experience across Banking and HRMS domains, with additional exposure to startup consulting focused on backend system design

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PROFESSIONAL EXPERIENCE

Software Support Consultant – Backend (Freelance) - M Arch Interio
July 2025 – Present

- Supported founders and internal teams by organizing workflows using backend software concepts
- Helped structure data for client, project, invoice, and payment tracking
- Assisted in backend logic planning for basic reporting and operational tracking
- Coordinated with founders to understand requirements and clarify process flows
- Provided ongoing software-related support and technical guidance
- Continued learning and practicing backend development alongside support activities

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Software Developer – Eruna Technology (Product-Based)

Mar 2025 – Jun 2025

- Developed REST APIs and migrated HR product modules to Spring Boot microservices
- Implemented microservice design patterns to improve scalability and maintainability
- Built APIs for employee management, attendance tracking, and leave workflows
- Optimized PostgreSQL queries to improve application performance

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Software Engineer – Dextris InfoService Pvt Ltd (Client: Capgemini)

Mar 2024 – Oct 2024

- Designed and developed banking microservices and REST APIs
- Implemented gRPC services for secure, low-latency inter-service communication
- Integrated Redis caching, reducing API response time by nearly 40%
- Worked with MySQL and PostgreSQL for backend transaction processing

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PROJECTS

Eruna HR – Human Resource Management System

Technologies: Java, Spring Boot, PostgreSQL, CQRS

- Developed employee, attendance, payroll, and leave management modules
- Migrated monolithic application into microservices architecture
- Improved API response time and system stability through optimized service design

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FinancePro – gRPC Based Financial Transaction System

Technologies: Java, Spring Boot, MySQL, Redis, gRPC, Docker

- Built APIs for account management and financial transactions
- Improved performance by 40% using gRPC and Redis
- Implemented bulk import features for CSV and Excel files

TRAINING & INTERNSHIP

Java Full Stack Developer – PSA Academy

- Trained in Core Java, Advanced Java, Spring Boot, Hibernate, and REST APIs
- Developed User Management System, Banking Mini Project, and CRUD applications
- Worked with MySQL, Git, Postman, HTML, CSS, and JavaScript

TECHNICAL SKILLS

Languages: Java 8+, Java 11, Java 17, SQL, C#
Frameworks: Spring Boot, Hibernate/JPA, Microservices, REST, gRPC

Databases: MySQL, PostgreSQL, Oracle, H2, MongoDB
Messaging: Kafka
Security: Spring Security, JWT, OAuth2, Keycloak
Tools: Git, GitHub, Maven, Gradle, JUnit, Mockito, SonarQube, JaCoCo, Postman, Swagger
Cloud & DevOps: AWS (EC2, S3, RDS), Docker, Jenkins, Kubernetes
Web: JSP, HTML, CSS

EDUCATION

Bachelor of Engineering – CE
Sir M. Visvesvaraya Institute of Technology, Bangalore