

SAAWAN K

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SUMMARY

Java Backend Developer with 1.5 years of experience designing and building scalable, secure, and high-performance backend systems using Java and Spring Boot. Proven expertise in developing RESTful APIs, microservices, database optimization, and real-time systems for AI-driven and large-scale platforms. Experienced in cloud-ready architectures, Docker-based deployments, and performance tuning. Strong collaborator with product, frontend, and AI teams in fast-paced startup environments.

TECHNICAL SKILLS

Languages: Java, SQL, JavaScript (basic)

Backend & Frameworks: Spring Boot, Spring Security, Spring Cloud, Spring MVC, Hibernate/JPA, Microservices Architecture, RESTful APIs

Databases & Caching: PostgreSQL, MySQL, Redis, Query Optimization, Indexing Strategies

Messaging & Streaming: Apache Kafka, RabbitMQ, WebSockets

Testing, Performance & Observability: JUnit, Mockito, JMeter, Logging, API Performance Testing

DevOps & Cloud: Docker, Git, Maven, Gradle, CI/CD basics, Cloud deployment (AWS/GCP — basic exposure)

Developer Tools: IntelliJ IDEA, Eclipse, VS Code, Postman, Hoppscotch

EXPERIENCE & KEY PROJECTS

Backend Developer (Java / Spring Boot)

Jan 2025 – Present

Angodigital Technologies Pvt. Ltd.

Bengaluru, India

- Designed and implemented **event-driven microservices** using Kafka and asynchronous communication patterns to decouple services, improve scalability, and ensure fault isolation.
- Developed **stateless, horizontally scalable REST services** following microservices architecture principles, enabling independent deployments, load distribution, and high availability.
- Optimized PostgreSQL queries and indexing strategies, achieving **30% faster** API response times.
- Implemented secure authentication and authorization using **Spring Security and JWT**.
- Developed unit and integration tests and conducted API performance testing using **JUnit, Mockito**.
- **AI-Assisted Delivery Routing System (In Progress)**
Real-time delivery optimization platform with live vehicle tracking, dynamic ETA computation, and route rerouting.
 - * Built real-time vehicle tracking using WebSockets and Leaflet, enabling live location updates, smooth vehicle movement animation, and continuously updated ETAs.
 - * Implemented multi-stop route optimization logic using shortest-path batching to minimize delivery time and improve efficiency in high-volume logistics scenarios.
 - * Designed a real-time route optimization engine capable of automated rerouting based on live vehicle position and delivery constraints.
- **WhatsApp Chatbot Integration**
Production-ready WhatsApp automation system built using Spring Boot and Meta WhatsApp Cloud API.
 - * Integrated Meta WhatsApp Cloud API with secure webhook callbacks for real-time message ingestion, delivery acknowledgements, and status tracking.
 - * Implemented interactive message templates, buttons, quick replies, and structured conversational workflows to support automated user interactions.
 - * Developed two-way communication logic to process inbound user queries and generate dynamic, automated responses based on business workflows.
 - * Conducted live client demonstrations showcasing chatbot automation capabilities, message flows, and real-world business use cases.

Quality Assurance Engineer

Apr 2024 – Dec 2024

Code Nimbus Solutions Pvt. Ltd.

Bengaluru, India

- Executed manual and automated testing using Selenium WebDriver, performed functional and regression testing.

EDUCATION

SDM Institute of Technology

2020 – 2024

Bachelor of Engineering in Computer Science; CGPA: 8.45

Ujire, Karnataka