

Sumanth Gowda HL

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Professional Summary

Java Backend Developer with 3+ years of enterprise-grade experience in **microservices architecture**, **Spring ecosystem**, and **scalable REST APIs**. Expert in **Java 8/11/17**, **Spring Boot**, **Spring Security**, **JPA/Hibernate**, and **distributed systems**. Specialized in **database optimization**, **API design patterns**, and **containerized deployments** with proven track record in high-performance backend solutions serving 1000+ concurrent users.

Technical Skills

- **Java Technologies:** Java 8/11/17, Collections, Multithreading, Lambda Expressions, Stream API, Exception Handling
- **Spring Ecosystem:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Spring AOP, Bean Management
- **Backend & APIs:** RESTful Services, Microservices, GraphQL, JSON/XML Processing, API Gateway, Load Balancing
- **Databases:** MySQL, PostgreSQL, MongoDB, Hibernate/JPA, Query Optimization, Database Design, Transactions
- **DevOps & Tools:** Docker, Kubernetes, Jenkins, Maven, Git, JUnit, Mockito, Postman, SonarQube

Professional Experience

Senior Java Backend Developer, Tata Consultancy Services Jul 2024 - Present

Associate Software Engineer — Microservices Architecture India

- Architected 15+ **microservices** using Spring Boot and Docker, serving 1000+ concurrent users with 99.9% uptime
- Implemented **JWT authentication**, **OAuth2.0** and designed database schemas optimizing query performance by 45%
- Built event-driven architecture with Kafka and Redis caching, reducing API response time from 800ms to 120ms
- Deployed containerized applications on **Kubernetes clusters** with auto-scaling, handling 10x traffic spikes

Java Backend Developer, Tata Consultancy Services Jun 2022 - Jun 2024

Client: Ford Motor Company — Enterprise Systems Development India

- Developed **RESTful APIs** handling 50,000+ daily transactions with Spring Security and JPA repositories
- Integrated **third-party APIs**, implemented **retry mechanisms** and **circuit breakers** ensuring system resilience
- Optimized **SQL queries and database connections**, reducing memory usage by 30% in production environments
- Mentored 5+ developers on Java best practices, Spring patterns, and conducted 100+ code reviews

Projects

Enterprise Microservices Platform 2024

Java 17, Spring Boot, Docker, Kubernetes, PostgreSQL, Redis

- Built 8-service microservices architecture handling 100K+ requests/day with sub-200ms latency
- Implemented CQRS, event sourcing with Kafka and designed resilient APIs with circuit breakers

E-Commerce Backend System & Real-Time Engine 2023-2024

Java 11/17, Spring WebFlux, MySQL, MongoDB, Kafka, Redis

- Developed reactive backend processing 10,000+ events/sec with Spring WebFlux and streaming pipelines
- Architected e-commerce platform with JWT authentication serving 5000+ users and 99.5% success rate

Education

B.E. Mechanical Engineering, Navkis College of Engineering (VTU) 2017 - 2021

GPA: 8.1/10 — Coursework: Java, Spring Boot Karnataka, India

Achievements & Certifications

- Oracle Certified Java Developer — Spring Professional Certification — AWS Solutions Architect Associate
- Optimized system performance by 45% through JVM tuning and reduced memory leaks by 80% in production
- TCS Excellence Award 2024 for Java backend innovations — Led 3+ microservices migration projects

Additional Information

- **Languages:** English, Hindi, Kannada — **Specializations:** Microservices, Event-Driven Architecture, JVM Tuning