

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