Sumit Sunil Patil

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SKILLS

Languages: Java (8+), SQL, JavaScript (ES6+)

Frontend: HTML5, CSS3, JavaScript, React.js (Hooks, Functional Components), Tailwind CSS

Backend & Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate, Microservices, API Gateway, Multithreading, Concurrency, Apache Kafka (Producers, Consumers), REST APIs, Data Structures, Design Patterns

Databases & Caching: Oracle SQL, MySQL, MongoDB, Redis

Cloud & DevOps: AWS (EC2, S3, IAM), Docker, Kubernetes, CI/CD, Jenkins

Testing & Tools: Junit, Mockito, Git-GitLab, Jira, Postman

WORK EXPERIENCE

Infosys, Mumbai   Jan 2024 - Present

Senior System Engineer

- Developed and optimized a physical inventory management service using Java, Spring Boot, and Microservice architecture improving application performance by 60% through efficient caching, query optimization, and multithreading.
- Designed Migration-Pro, a distributed microservices system with Kafka-based event streaming for real-time inventory updates, reducing sync delays by 70%.
- Built automated data migration pipelines ensuring zero data loss, ACID-compliant transactions, and validated transfers for millions of records.
- Built and automated CI/CD pipelines by creating Kubernetes deployment and Jenkinsfile, enabling seamless container deployment and reducing manual release efforts.
- Integrated role-based access control (RBAC) and Spring Security authentication, enhancing application security and compliance with security best practices.
- Worked closely with product teams for requirement analysis, sprint planning, and technical demos, improving delivery predictability and on-time sprint completion by 20%.

Infosys, Mumbai   Feb 2022 - Dec 2023

System Engineer

- Refactored monolithic modules into microservices, improving scalability and reducing response time by 30%.
- Developed 20+ REST APIs handling 5K+ requests/min, ensuring secure inter-service communication with JWT and Spring Security.
- Implemented Redis caching to reduce DB calls by 40% and cut average latency from 450ms → 120ms.
- Containerized services using Docker and deployed on Kubernetes; monitored pods, logs, and scaling behavior to ensure 99% uptime.
- Added comprehensive JUnit5 and Mockito test suites, achieving 85%+ code coverage and reducing regression issues.
- Supported Agile sprints with active involvement in testing, deployment, and performance optimization.

EDUCATION

Xavier Institute of Engineering Mumbai   Aug 2018 - Jun 2021
B.E. in Electronics and Telecommunication Engineering   *CGPA: 7.40/10*

PROJECT WORK

- **Products Management System:** Built a scalable microservices system with Spring Boot, Spring Cloud Gateway, Eureka Discovery & Resilience4j.Used Kafka for async messaging, improving event propagation speed by 50%. Achieved 99.9% reliability using rate-limiting, retry, fallback, and circuit-breaker patterns.

AWARDS AND CERTIFICATES

- **Best Team Award:** Delivered a critical module ahead of schedule with zero defects
- Recognized by client leadership for exceptional commitment and improving delivery quality.