

Abhishek Shivathaya

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Summary

Software Engineer with 2+ years of experience in Java/Spring Boot microservices and Angular frontends. Skilled in production support, feasibility analysis, and code quality. Strong background in microservices, AWS/Docker deployment, and performance optimization.

Technical Skills

Java | Data Structures | Spring Boot | Spring Security | REST APIs | JWT | Hibernate | JPA | Angular | Kubernetes | MySQL | Rabbit MQ | Docker | AWS EC2 | Jenkins | Git | Maven | JUnit | Postman | Swagger | Design Patterns | Multithreading | CI/CD | Agile

Professional Experience

Tata Consultancy Services (TCS)

Mumbai, India

Systems Engineer - TCS Bancs

Jun 2023 — Present

- Architected and refined Spring Boot microservices exposing REST APIs, boosting system scalability and reducing response time by 18%.
- Developed and integrated banking microservices within TCS BaNCS, streamlining financial workflows and improving transaction efficiency by 25%.
- Diagnosed and resolved production incidents, with average resolution time of 3 days and ensuring 99% application uptime.
- Enhanced code quality by driving peer reviews and coding standards adoption, lowering defect leakage into production by 15%.

99Games

Udupi, India

Java Intern — Backend Developer

Nov 2022 — Apr 2023

- created a browser-based game using Java, JavaScript, and HTML, applying core programming concepts in a real-world setting.
- Refactored game logic by refactoring redundant code, reducing execution latency and ensuring smoother gameplay.
- Collaborated with senior developers to learn software design principles and documented workflows for knowledge sharing.

Projects

Full-Stack Social Media Application

github.com/shivathaya/FollowFlow

Spring Boot — Angular — JWT — REST API — Docker — AWS EC2 — MySQL

- Delivered complete backend–frontend integration for user, post, and follow modules, enabling 1000+ daily actions.
- Implemented JWT and Spring Security for authentication and authorization, securing the app with minimal DevOps overhead.
- Dockerized and deployed on AWS EC2 via Nginx, reducing time-to-live deployment by 40%.

Concurrent Web Crawler and URL Shortener

Java 17 — Multithreading — ThreadPoolExecutor — Exception Handling — Design Patterns

- Engineered a concurrent, domain-aware web crawler with a RESTful interface using Spring Boot, ThreadPoolExecutor, and Jsoup.
- Designed same-domain filtering and thread-safe deduplication to avoid redundant URL visits.
- Leveraged Observer and Factory patterns to decouple components, enabling extensibility for DB writers and loggers.
- Optimized multithreaded crawling, reducing average crawl time per domain by 20%.

Education — Certifications

BE in Electronics — Communication — Sahyadri College, Mangalore

2019-23 | CGPA: 9.2

Certifications: Spring Boot (Udemy) — Angular (Udemy) — Docker Foundations (LinkedIn)