

Abhishek M

Bangalore | abhi.sde3@gmail.com | +91-8095575083 | [Linkedin](#) | [Github](#) | [Hackerrank](#) | [Scaler](#) | [My Portfolio](#)

Skills

- **Programming Languages** : Java, Python
- **Libraries and Frameworks** : Spring Boot, MVC
- **Tools** : Microservices, MySQL, Azure, Git, Docker, Kubernetes, REST API, CI/CD, postman, No SQL, GitHub, JIRA, Linux

Experience

Software Development Engineer (Backend), KPMG

Jul 2024 - Present

- Engineered and deployed enterprise-level **Java Spring Boot Microservices applications in Kubernetes**, achieving 99.9% uptime and enhancing scalability for high-traffic environments.
- Optimized **database queries and caching strategies**, reducing response times by **40%** and improving throughput for high-traffic APIs.
- Implemented **asynchronous event-driven architecture** using **Apache Kafka**, ensuring seamless processing with high fault tolerance.
- Identified and mitigated critical security vulnerabilities, reducing security incidents by 50% through implementing **secure secrets management** by integrating **HashiCorp Vault** into applications.
- Mentored junior developers in **DSA, system design, and clean coding practices**, improving onboarding efficiency.
- **Tech Stack [Java, Springboot, Microservices, REST API, Kafka, Kubernetes, Hashicorp-vault, CI/CD, My SQL]**

Backend Engineer, Tata Consultancy Services

Aug 2021 - Jun 2024

- Engineered web-based automation tools with **Java and Spring Boot**, achieving a 10% reduction in manual efforts and enhancing operational efficiency.
- Diagnosed SLA management challenges and deployed **Python** solutions, resulting in a 20% decrease in SLA time and improved service delivery.
- Developed a robust **REST API** using **Spring Boot** and conducted thorough testing with **Postman**, ensuring reliable communication between system components.
- Designed and optimized **MySQL database** schemas with Spring Boot and **JPA**, improving data modeling efficiency and system integration.
- Integrated external IP databases and third-party APIs by enhancing accessibility and improving decision-making speed.
- **Tech Stack [Java, Python, Microservices, Springboot, JPA, REST API, CI/CD, My SQL]**

Projects

E Commerce Clone

- Architected and Implemented **Spring Boot-based E-commerce** clone using **Microservices** architecture.
- Implemented Product Service **Microservice for CRUD operations**, with paginated and sorted response handling.
- Leveraged Spring Security with **JWT token and OAuth2** for role-based user authorization and authentication.
- Optimized response time from 250+ ms to <20 ms using **Redis Cache**.
- Developed Payment service feature by Integrating Razorpay **payment Gateway** for seamless transaction processing.
- Implemented **Kafka Messaging queue** for event-driven communication between microservices, including Email service.
- **Tech Stack [Java, Microservices, Springboot, Redis, Kafka, Payment Gateway, JPA, REST API, CI/CD, My SQL]**

Operator independence Scheduler (Intellectual Property Domain)

- Automated patent searches using a **Java Spring Boot solution**, integrating **MySQL** and third-party databases to enhance search efficiency.
- Implemented automated email notifications for results, reducing manual effort and increasing accuracy in communication.
- Achieved a 40% reduction in repetitive search time, significantly boosting productivity and ensuring precise identification of potential legal risks.
- **Tech Stack [Java, Springboot, JPA, REST API, CI/CD, My SQL]**

Education

Sri Siddhartha Institute of Technology, Bachelor of Engineering

2020

Achievements

- Ranked within the top 1% positions in a DSA or problem-solving challenge hosted by Scaler platform.
- Led and participated and awared in IIT Bombay and other national-level tech project exhibitions, showcasing innovative projects and representing the institution at a national platform.