

Experience

Programmer Analyst Meditab Software, India
Jan 2023 – Present

- Developed enterprise-grade backend modules using **Spring Boot, Spring Data JPA, and Hibernate**.
- Secured REST APIs with **Spring Security** and implemented role-based access control.
- Utilized JPA/Hibernate for ORM and optimized complex database queries to enhance performance.
- Designed and integrated RESTful APIs, enhancing system modularity and team productivity.
- Developed and maintained scalable hybrid test automation frameworks with **Selenium and TestNG**.
- Automated functional, regression, and API test cases using **Selenium, TestNG, and Rest Assured**.
- Built robust Spring Boot microservices for handling core business logic with clean RESTful API design.
- Collaborated within Agile teams to deliver microservice-based architectures using the full Spring Boot stack.
- Worked closely with product, QA, and DevOps teams to align development with testing and deployment strategies.

Skills

Languages: Java, SQL

Frameworks: Spring Boot, Spring MVC, JPA, Hibernate

Testing: Selenium, TestNG, JUnit, Rest Assured, Playwright

Microservices: Spring Security, OAuth2, JWT, Eureka, RabbitMQ

Tools: Git, Maven, Docker, Jenkins, JIRA

Databases: MySQL, PostgreSQL

Education

B.Tech Computer Engineering Vishwakarma Government Engineering College

2019 – 2023

CGPA: 8.41

Summary

Results-driven Programmer Analyst with expertise in backend development and automation testing. Proficient in Java, Spring Boot, and Selenium with experience designing scalable backend architectures and test automation frameworks. Skilled in API development, database management, and DevOps practices. Strong background in Agile methodologies and secure authentication (OAuth2 and Spring Security). Passionate about building scalable applications, improving test strategies, and ensuring software quality in fast-paced Agile environments.

Projects

Smart Contact Manager (SCM)

- Designed and developed a full-stack Spring Boot web application to securely manage personal and professional contacts.
- Implemented **JWT & OAuth2 authentication**, role-based access control, user registration, and Google social login.
- Integrated the **Cloudinary API** for image uploads and optimized file handling for profile images.
- Built a responsive front end with **Thymeleaf and Tailwind CSS** for a seamless user experience across devices.
- Automated deployment pipelines with **Jenkins and GitHub Actions**, hosting on **AWS EC2**.

Monolithic → Microservices Transition

- Refactored a legacy monolithic application into domain-driven **Spring Boot microservices** for companies, jobs, and reviews.
- Implemented reliable inter-service communication using **RestTemplate & RabbitMQ**, improving scalability and decoupling modules.
- Centralized configuration with **Spring Cloud Config** and enabled dynamic service discovery via **Eureka**.
- Secured APIs and inter-service communication using **Spring Security** and JWT-based authentication.
- Containerized services with **Docker** and orchestrated deployments through CI/CD pipelines.
- Monitored application health and performance using **Spring Boot Actuator and Zipkin**, reducing latency and improving observability.