

MOHAMMED YOUSUF

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SUMMARY

Results-driven Software Engineer with 1.5 years of experience in backend development using Spring Boot, built on a solid foundation in Java and Object-Oriented Software Development. Proven expertise in building scalable backend solutions, optimizing database performance, and developing enterprise-grade REST APIs. Strong background in microservices architecture and Agile development methodologies with demonstrated ability to improve code efficiency and deliver high-quality solutions in collaborative team environments, communicating effectively across teams to align business goals with technical solutions.

SKILLS

Languages: Java, C, C++.

Frameworks & Technologies: Spring Boot, Spring Security, Spring Data JPA, Hibernate, Microservices, REST APIs

Web Technologies: HTML, CSS, JavaScript, JSP

Database Management: MySQL, Oracle SQL

Developer Tools: Git, GitLab, Maven, Eclipse, IntelliJ IDEA.

Testing & Quality Assurance: JUnit, Mockito, SonarQube, Code Coverage Analysis.

Others: Jenkins, CI/CD pipelines, Agile/Scrum.

WORK EXPERIENCE

Software Engineer (Tata Consultancy Services)

Dec 2023 - Present, Hyderabad, Telangana.

- Owned the lifecycle of **RESTful web services** from design and development using Java and Spring Boot.
- Refactored legacy codebase, improving code maintainability by 40% through creation of reusable service methods and utility classes
- Proposed and implemented a solution for the same recurring requirement.
- Optimized Oracle database queries, reducing average response time by 35% and improving application performance
- Implemented comprehensive JUnit test cases achieving 85%+ code coverage and maintained SonarQube quality gate standards
- Collaborated closely with cross-functional teams including testers, DevOps, and product owners to deliver features on schedule.
- Tech Stack: Java, Spring Boot, Oracle SQL, JUnit, SonarQube, Jenkins.

iOS Development Intern (Tata Consultancy Services)

Feb 2023 – May 2023, Hyderabad, Telangana.

- Developed UI components and custom icons for enterprise banking application using Swift and Xcode
- Created intuitive user interfaces following iOS design guidelines and accessibility standards
- Collaborated with UX designers and backend developers to ensure seamless integration
- Tech stack used : Swift, Xcode, iOS SDK

PROJECTS

AI Resume Generator | Java, Spring Boot, Spring AI, React.js - [Github link](#)

- Built a full-stack web application to generate professional resumes and calculate ATS scores using AI models.
- Integrated **Spring AI** with both local LLMs (via Ollama) and remote APIs (OpenAI/Groq) using a pluggable ChatClient interface.
- Designed REST APIs in Spring Boot and developed an interactive React frontend with Tailwind CSS for a seamless user experience.
- Enabled prompt-based resume generation and feedback using modern LLMs, with support for future enhancements like PDF export and resume uploads.

Blog-Application | Java, Spring Boot. - [Github link](#)

- Developed REST APIs to enable users to create, update, and delete blog posts, manage categories, and add comments to posts.
- Implemented **JWT**-based authentication and authorization to secure endpoints and manage user roles efficiently.
- Integrated Spring Data JPA for seamless database operations and used Swagger for API documentation, ensuring easy testing and interaction with services.

EDUCATION

JNTUH College Of Engineering Hyderabad.

Bachelor of Technology (Electronics and Communication Engineering)

Government Polytechnic College, Masabtank, Hyderabad.

Diploma in Electronics and Communication Engineering

October 2020 - June 2023

CGPA : 9.04/10

June 2017- June 2020

CGPA : 9.0/10

ACHIEVEMENTS & CERTIFICATION

- AWS Cloud Practitioner Certification - [AWS](#)
- Solved 500+ Questions on [LeetCode](#) and [GFG](#).
- Spring Boot 3, Spring 6 and Hibernate - [Udemy](#)
- Organized a two-day workshop on **VLSI Technology** during the final year of college at JNTU Hyderabad.
- **Runner-up** in a hackathon based on IoT held at JNTU Hyderabad.