MOHAMMED YOUSUF

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SUMMARY

A passionate Backend Developer with a solid foundation in Java and Object-Oriented Software Development. Skilled in building scalable backend solutions, optimizing performance, and working with databases and APIs. Quick to learn new skills and capable of working independently as well as collaboratively in a team environment.

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 code for better efficiency and maintainability by creating reusable methods.
- Proposed and implemented a solution for the same recurring requirement.
- Optimized **Oracle** database queries to improve performance and efficiency.
- Integrated **JUnit** test cases to ensure high code quality and **SonarQube** to maintain coding standards.
- Tech stack used : Java – **Spring Boot**

iOS Development Intern (Tata Consultancy Services)   *Feb 2023 – May-2023, Hyderabad, Telangana.*

- Created UI elements and icons for a banking application for iOS using **Xcode** and **Swift**, ensuring an intuitive and user- friendly interface.
- Tech stack used : **Swift**, **Xcode**.

PROJECTS

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

- 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.

[Automatic Attendance and Notification System](#) | **Python, OpenCV, Raspberry Pi OS.**

- Designed and implemented an automatic attendance system using Raspberry Pi and OpenCV, leveraging a camera module for real-time face detection and recognition.
- Integrated a notification module to send attendance updates to students and professors via email or messaging services.
- Utilized Python and SQLite for data management, ensuring accurate attendance records and seamless database operations.

SKILLS

- **Languages:** Java, C, C++.
- **Web Technologies:** Java - Spring Boot, Hibernate, Spring Data JPA, Spring Security, Junit/Mockito, HTML, CSS, JSP, JavaScript.
- **Database Management**: MySQL, Oracle SQL
- **Developer Tools**: Git, Eclipse/ IntelliJ, VS Code.
- **Others:** Microservices, REST APIs, Maven, Git, SonarQube, Jenkins.

EDUCATION

JNTUH College Of Engineering Hyderabad.   *October 2020 - June 2023*
Bachelor of Technology (Electronics and Communication Engineering)   **CGPA : 9.04/10**

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.