OM SHUKLA

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SUMMARY

Computer Science undergraduate passionate about backend development and IoT systems. Proficient in Java, Python, REST APIs, and database systems. Experienced in building real-time tracking devices and scalable desktop applications. Enthusiastic about clean code, problem-solving, and continuous learning.

PROFESSIONAL EXPERIENCE

Data Analytics Intern – Foslipy Consultancy Services   Jan 2025 - Mar 2025
- Gaining hands-on experience in Data Analytics & Business Intelligence using Python, MySQL, Power BI, and Excel
- Building dashboards in Power BI and cleaning datasets with Python and Excel
- Automating reports using Excel Macros & VBA
- Working on capstone projects including customer churn prediction and sales analytics

PROJECTS

Library Management System

Built a backend system to manage books, students, and transaction records using Java, JDBC, and MySQL. Focused on modularity, error handling, and clean code.

Quick-Quiz Application

Designed a desktop-based quiz app using Java and Swing. Allows login, rule preview, timed questions, and final scoring.

Smart Garbage Monitoring System

Built an IoT garbage monitoring system using ESP8266 and ultrasonic sensor to display fill levels on a 16x2 LCD.

SKILLS

Languages: Java, Python, JavaScript
Web Technologies: HTML, CSS, Node.js (Basics), AngularJS (Basics)
Frameworks: Spring, Hibernate
APIs & Backend: REST API, JDBC
Databases: MySQL, PostgreSQL
Tools: Git, GitHub, Maven, Figma
IDEs: VS Code, IntelliJ IDEA, Eclipse, NetBeans
IoT & Embedded: ESP8266, Arduino IDE

EDUCATION

Bachelor of Science in Computer Science   **2022-2025**
V.K. Krishna Menon College, University of Mumbai

CERTIFICATION

- Java Programming
- Fundamentals of Python
- HTML Basics