MUHAMMAD ZIAN V P

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CAREER SUMMARY:

As a third-year CSE student, I have a solid foundation in data structures, algorithms, and programming languages like Python, Java, and C. I've worked on projects in software and IoT. I'm seeking opportunities to apply my skills in areas such as software engineering and AI while gaining real-world experience.

EDUCATION:

2022 - 2026 | Visvesvaraya Technological University
Bachelor of Engineering - Computer Science

2020 - 2022 | Central Board of Secondary Education
Higher Secondary - Computer Science

SKILLS

Technical Skills: Programming in C, Python, JavaScript, Html, CSS, Prompt Engineering
Soft Skills: Problem Solving, Critical Thinking, Leadership, Collaboration, Communication

RELEVANT PROJECTS:

Food Delivery App:
Designed and implemented a food delivery application with modules for user authentication, restaurant browsing, order management, and delivery tracking. Utilized relational database design principles to structure and manage entities such as users, orders, menus, and payments. Employed SQL queries for CRUD operations and ensured data integrity through normalization and foreign key constraints.

Dynamic Home Automation:
Designed a home automation system enabling control of appliances using sensors and microcontrollers. Included features like real-time device control, status display on LED screen, and automated responses based on environmental inputs (e.g., light or motion).

Laser Security System:
Built a laser-based security system using LDR, laser diode, and buzzer. The system detects unauthorized entry by triggering an audible alert when the laser beam is interrupted. Demonstrates practical use of light sensors, electronic circuits, and real-time intrusion detection.

CERTIFICATES:

- CS50 - Harvard University
- Basics of python - Infosys
- Blockchain Development for Beginners - Infosys
- AWS Certied Developer - Associate Certication - Infosys
- Networking Basics - Cisco
- Python - STP, IIT Bombay.
- C programming - STP, IIT Bombay.

EXTRA CURRICULAR ACTIVITIES

- Active member of a GNU linux user club i.e. Glug Pace.
- Mentored teams at a national-level hackathon, supporting project ideation and development.