MUHAMED IBRAHIM

+91 9629294552 ⋄ mmohdibi@gmail.com

LinkedIn ⋄ Github

SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, SQL, R
Technologies/Frameworks: EJS,Next.js, Express.js, Node.js, Flask, Bootstrap, Selenium, Beautiful Soup, Numpy, Pandas
Database: MySQL, SQLAlchemy
Version Control and Other Tools: Git, Github, Postman, Figma, REST APIs, MS Excel
Soft Skills: Leadership, Event Management, Team Management, Problem Solving
Core Skills: Embedded Systems & IoT, LTSpice, Cadence Chip Design

EDUCATION

Vellore Institute of Technology, Chennai Aug 2023 - Jul 2027 BTech Electronics and Communication Engineering CGPA (Until 4th sem): 9.13

Coursework: Digital Electronics, Analog Electronics, Microprocessors and Microcontrollers, Communication Systems

Aristo Public School, Cuddalore 2023
Grade 12 Percentage: 85%

EXPERIENCE

Microsoft Innovations Club VITC Sep 2024 – Present
Competitive Programming Associate *Chennai, India*
• Create and curate coding challenges, facilitate practice sessions, and contribute to learning resources, fostering a strong problem-solving culture within the community.

iSpace VITC Mar 2024 - Present
Creative Designer *Chennai, India*
• Bring ideas to life through visual storytelling, crafting eye-catching designs that captivate and inspire.
• Design logos, websites, and develop brand identities, turning concepts into visually stunning realities that leave a lasting impression.

PROJECTS

MEDIBOLT – Healthcare Management System
Developed a **Python**-based DBMS using **SQLite, Streamlit, and Pandas** for managing patient, doctor, and department records. Implemented **secure access** and **exclusive features** for healthcare professionals, ensuring efficient data handling and a seamless user experience.
Blog Website
Developed and deployed a **blog website** using **Python, Flask, and SQLAlchemy**, featuring a dynamic content management system with user authentication and seamless database integration.

CERTIFICATIONS

- 100 Days of Code: The Complete Python Pro Bootcamp Udemy, December 2024

- Season of Al: Best of Al at Ignite Microsoft Learn Program, January 2024

ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Engaged students and staff at the **Pre-Vibrance Expo** with mini-games and interactive activities while promoting **Microsoft Innovations Club VITC**.
- Working on an **ML-based image processing project** with various algorithms.
- Developed a **Proximity Sensor Circuit** using an **InfraRed photodiode and Op-Amp** for object detection with adjustable range.