M MOHAMED MUJAHITH

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EDUCATION

B.S. Abdur Rahman Crescent University,   Chennai, India
B.Tech Computer Science Engineering; GPA: 8.03   **June 2021 – August 2025**
Raj Vidyalaya Metric Hr. Sec School,   Mayiladuthurai, India
Higher Education (12th Class); 89%   **May 2020**

SKILLS SUMMARY

Languages: Python, SQL, C++

Frameworks: Pandas, Numpy, Scikit-Learn, Matplotlib

Tools: Excel, PowerPoint, MySQL, SQLite

Platforms: PyCharm, Jupyter Notebook, Visual Studio Code

Soft Skills: Communication, Adaptability, Interpersonal Skills, Time Management

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WORK EXPERIENCE

Cyber Security Intern | TecnoHacks   **October 2023 – November 2023**

- Utilized Hashcat to assess password strength by dehashing passwords, enhancing security measures and identifying vulnerabilities.
- Applied Wireshark to capture and analyze data packets, uncovering potential security threats and gaining valuable insights for network protection.
- Executed detailed security assessments and analysis, contributing to the development of more robust cybersecurity strategies and solutions.
- Collaborated with cybersecurity teams to improve threat detection processes, supporting effective incident response and resolution.

PROJECTS

SignBridge | Real-Time Sign Language Detection System   **Feb 2025 – Apr 2025**

- Developed a real-time sign language recognition system supporting both ASL and ISL using YOLOv5/YOLOv8, OpenCV, and transfer learning for accurate hand gesture detection.
- Built a responsive web interface with Flask and Streamlit, allowing users to switch between languages and receive text and speech outputs via TTS libraries.
- Integrated a GenAI API to convert recognized signs into grammatically correct sentences, enhancing clarity and usability for real-world communication.

CERTIFICATES

Programming in Python

- Mastered fundamental Python syntax, including control flow, loops, functions, and data structures, ensuring efficient and effective coding practices.
- Gained expertise in procedural programming paradigms and associated logical concepts, enhancing problem-solving capabilities and code organization.

Front End Development Certification | IBM

- Completed comprehensive Front End Development training, gaining proficiency in HTML, CSS, JavaScript, and modern frameworks such as React and Angular.
- Developed responsive and interactive web applications, enhancing user experience across multiple devices and platforms through hands-on projects.