

THOUBIC IMRAN M

 [GitHub Profile](#)  +91 9514217005  thoubicimran@gmail.com  [Linkedin Profile](#)  [credly Badge](#)

Professional Summary

Highly motivated Computer Science & Engineering undergraduate (B.E., graduating in 2025) with hands-on experience in Python, Web Development, MySQL, and Cloud technologies. A quick learner and effective team player with proven skills in problem-solving, critical thinking, and technical communication. Seeking entry-level opportunities as a Software Developer, Cloud Engineer, or IoT Developer.

Education

Dhanalkshimi Srinivasan engineering college

Bachelor of Engineering in **Computer Science & Engineering (CSE)** | CGPA: **7.95** | Expected: **2025**

Vidya Mandir Matriculation higher secondary school

Intermediate | Percentage: **88.2%** | 2019-2021

TSN Matriculation School

SSLC | Percentage:86.02% | 2018-2019

Technical Skills

Programming Languages: Python, C

Web Technologies: HTML, CSS

Databases: MySQL

MS Office 365:MS Powerpoint,MS Excel,MS Word

Soft Skills

Strong verbal and written communication

Team collaboration and problem solving

Critical Thinking and Decision Making

Time management and multitasking

Adaptability and eagerness to learn

Projects

Resource Management by python through simulation

- Developed a Python simulation for cloud/edge resource management utilizing quantum algorithms.
- Implemented quantum-optimized task allocation, visualized via a Streamlit interface.
- Analyzed task distribution and device load through simulation data, using Python.
- Integrated Streamlit for interactive display of quantum-enhanced resource management results.

Door Security system through IOT

- Integrated ESP32-CAM for live video surveillance accessible via a custom web server.
- Implemented real-time motion and lock detection using IR and vibration sensors, programmed in C++.
- Developed a web-based interface for remote video monitoring of the IoT door security system.
- Utilized Arduino and C++ for sensor data processing and ESP32-CAM integration with a web server.

Certifications

- AWS Certified Solutions Architect Associate | **ICT Academy, Tamilnadu (feb 2024-july 2024)**
- **Data fundamentals** – IBM Skillsbulid
- **Angular Firestore Workshop** – MIndluster
- **Android App Development** – Emglitz Technologies
- **Cloud Computing**– Great learning
- **Deep learning** –Great learning
- **Network Security** – Great learning
- **Computer Network** – Mindluster

Additional Information

- Open to opportunities in Software Development, IT, and Non-IT roles.**
- Passionate about **technology, innovation, and continuous learning.**
- Strong ability to adapt to **diverse work environments** and manage multiple responsibilities.