

MUHAMMED RUFAID E

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Cochin University Of Science And Technology , Ernakulam

SOFTWARE AND HARDWARE DEVELOPER

Motivated and curious 2nd-year Computer Science student with a strong interest in both software and hardware development. Passionate about building practical solutions to real-world problems by combining web technologies and embedded systems. Currently exploring full-stack web development and hardware prototyping using platforms like Arduino and Raspberry Pi. Eager to contribute to innovative, interdisciplinary projects that bridge the gap between software and hardware.

KEY COMPETENCIES

- Full-Stack Web Development
- Embedded Systems & Hardware
- Version Control
- Problem Solving & Innovation

SKILLS

- HTML,JS,CSS
- Python
- Java and Java Script
- Git and Git Hub
- C/C++
- Arduino Programming
- Mongo DB
- Django

EDUCATION

School of Engineering , CUSAT , Cochin
B Tech in Computer Science And Engineering

Sept 2024 to May 2028 (Expected)

PROFESSIONAL EXPERIENCE

Python Full Stack Development Intern
Quest Innovative Solutions Pvt Ltd

June 2025 - July 2025

Worked as a full stack developer intern with hands-on experience in developing end-to-end web applications using Python-based frameworks such as Django.

Data Analytics

June 2025

Delloitte Virtual Internship

Completed a virtual data analysis internship offered by Deloitte, where I gained hands-on experience in analyzing and interpreting business data. Worked with tools like Excel and Tableau to clean datasets, create visualizations, and derive actionable insights.

PROJECTS

SOFTWARE

- C-VM: Simple Virtual Machine in C
- NeuroSim++ : Terminal-Based Neuron Network Simulator
- Jobee : Job application website

HARDWARE

- Automatic fire extinguishing simulator
- Solar oxygen dispenser

PROFILES

- **GIT HUB** : github.com/muhammedrufaide
- **LINKED IN** : [linkedin.com/in/muhammedrufaide/](https://www.linkedin.com/in/muhammedrufaide/)