JEFIN S

MSc Computer Science Student

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CAREER OBJECTIVE

Enthusiastic MSc Computer Science student with a BSc in Electronics, providing a unique perspective on software development with a strong understanding of hardware interactions. Gained practical experience in a real-world IoT project during an internship at IIITH. Proficient in Java, Data structures, Dart, C programming. Seeking a Software Engineer role where I can contribute to projects that bridge the gap between hardware and software.

INTERNSHIP

International Institute of Information Technology: - Hyderabad, Telangana

Role: - Hardware engineer research intern

April 2023-June 2023

- Designed and developed a low-power sensor node for water level monitoring, incorporating with water proof ultra sonic sensor JSN-SR04T, Temperature sensor DS18B20
- Conducted rigorous testing and debugging of hardware prototypes, identifying and resolving issues related to power consumption, signal integrity, and environmental robustness.
- Collaborated with software engineers to integrate sensor data with cloud-based platforms like ThingSpeak for real-time monitoring and analysis

EDUCATION

College of Applied Science IHRD, Vattamkulam, Malappuram, Kerala

Master of Science in Computer Science

August 2023 - June 2025

C. H. Muhammed Koya Memorial Government Arts and Science College, Tanur, Malappuram, Kerala

Bachelor of Science in Electronics

June 2020 – March 2023

Moulana Muhammed Kutty Memorial Higher Secondary School, Kuttayi, Malappuram, Kerala

Biology Science

June 2018 – March 2020

Moulana Muhammed Kutty Memorial Higher Secondary School, Kuttayi, Malappuram, Kerala

High School

June 2016 – March 2018

Skills

- Programming Languages: - C, Java, Dart ,python
- Database: - PostgreSQL

- Version Control: - Git
- Operating System: - Windows, Linux
- Soft skills: - Problem-Solving, Communication, Team Work
- Software Knowledge: - Visual Studio Code, Android Studio

Project

Fingerprint base Attendance System using Arduino

Developed a cost effective and efficient fingerprint -based attendance system using Arduino,

A finger print sensor module and a Bluetooth module

Used components: - Arduino Uno, R307 fingerprint sensor, IR sensor, HC05 Bluetooth module

IDE: - Arduino IDE