

AMITH M

Engineer

Contact

amitmmmaruthi@gmail.com

7795277529

Karnataka, India

Skills

C++

Work Experience

JSS ACADEMY OF TECHNICAL EDUCATION

Dec 2022 - Present

Student

Electronics and Communication Engineering student at JSSATE-B, passionate about exploring the intersection of technology and innovation. Interested in IoT, robotics, and circuit design. Always eager to learn, experiment, and work on exciting projects that combine hardware and software.

Python

C++

C

Education

ST ANNS HIGH SCHOOL

Jun 2019 - Aug 2020

10TH

J.S.S. ACADEMY OF TECHNICAL EDUCATION BANGALORE

Apr 2022 - Present

ENGINEERING

HARSHA MAHESH PU COLLEGE

Apr 2021 - Jun 2022

12TH/PUC

Projects

JSSATEB

Oct 2024 - Dec 2024

LoRa Based Low Power GPS Tracking System

The mini project "LoRa Based Low Power GPS Tracking System" is designed to track real-time location using GPS and LoRaWAN technology. It uses Arduino boards, a NEO-6M GPS module, and an SX1278 LoRa module to transmit data over long distances with low power consumption. The system collects GPS data and sends it via a LoRa transmitter to a receiver, where it is displayed on the serial monitor. It is developed using the Arduino IDE along with LoRa and TinyGPS++ libraries. This tracking system is ideal for applications like logistics, asset management, and smart cities. With features like wide coverage, low cost, and long battery life, it offers an efficient and scalable IoT-based solution.

MATLAB

Certifications

MathWorks

Apr 2024 - Apr 2024

Object-oriented Programming onramp

MathWorks

Apr 2025 - Feb 2025

MATLAB ONRAMP

