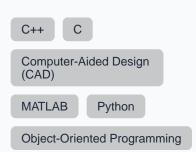
## BHUVAN V PRASAD

Engineer

#### **Contact**

bhuvanvprasad@gmail.com 8867160610 Karnataka, India

### **Skills**



## **Work Experience**

#### J S S Academy of Technical Education

Student

**Electronics and Communication Engineer** 

Dec 2022 - Present

#### **Education**

# J.S.S. ACADEMY OF TECHNICAL EDUCATION BANGALOGREPresent ENGINEERING

## VVS Sardar Patel PU College

Apr 2021 - Jun 2022

12TH/PUC

## **New Oxford High School**

Jun 2019 - Aug 2020

10TH

## **Projects**

#### J S S Academy of Technical Education

Nov 2024 - Jan 2025

LoRa Based GPS Tracking System

LoRa-based GPS trackers utilize Long Range (LoRa) technology for wireless communication, enabling long-range, low-power tracking of devices. The tracker consists of a GPS module, LoRa module, microcontroller, power source, and antenna. It works by determining the device's location via GPS, transmitting the data to a LoRa gateway or network server, and then to a cloud platform for real-time tracking. LoRa-based GPS trackers offer advantages such as long range, low power consumption, and low cost, making them suitable for asset, livestock, and personnel tracking.

### J S S Academy of Technical Education

Mar 2025 - Present

FPGA Based AI Accelerated Object Tracking

FPGA-based AI accelerated object tracking leverages Field-Programmable Gate Arrays to accelerate AI-based object tracking, offering high performance for real-time processing, low power consumption for edge AI applications, and flexibility to support different AI models and algorithms. This technology has various applications, including surveillance systems, autonomous vehicles, and industrial automation, and utilizes key technologies such as deep learning-based object detection and tracking and computer vision algorithms. By enabling fast, accurate, and efficient object tracking, FPGAs make them suitable for various industries.

## **Certifications**

**MATLAB** 

Nov 2024 - Apr 2025

MATLAB Object Orientated Programming Onramp MATLAB programing, Object Orientated Programming, C++

**MATLAB** 

Jan 2024 - Feb 2024

MATLAB Onramp
MATLAB programing