

# Ravikumar R S

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## Other projects

**Object Detection using  
Raspberry Pi (Mini Project)**  
Technologies: Python,  
OpenCV, Raspberry Pi

**BLUETOOTH SMART  
SECURITY SAFE -** .The main  
function of the android  
smartphone is equipped

## EXTRA-CURRICULAR ACTIVITIES

**Cricket Enthusiast:**  
Regular participant in college  
and local cricket tournaments;  
recognized for teamwork and  
leadership.

## SKILLS

**Programming:** Java, Python

**Domains:** IoT, Robotics,  
Embedded Systems, Object  
Detection

**Hardware Skills:** Circuit  
Debugging, Sensor Interfacing,  
Motor Control

**Soft Skills:** Teamwork, Time  
Management, Communication,  
Problem-Solving

## EXPERIENCE

### **Ethnus, Bangalore — Full Stack (MERN)**

Jun 2021 - jan 2022

Completed Full Stack (MERN) in ETHNUS codemitra jayanagar,Bangalore.

## EDUCATION

### **JSS Academy of Technical Education, Bengaluru (JSSATEB) —Bachelor of Engineering – Electronics & Instrumentation Engineering**

DEC 2023 - Present

Completed multiple hands-on projects using embedded systems and IoT  
modules.

### **EAST-WEST POLYTECHNIC — DIPLOMA**

OCT 2018 - JAN 2022

Focused on core electronics, circuit theory, microcontrollers, and  
communication systems.

### **R.E.P.S, BANGALORE — S.S.L.C**

TILL - DEC 2017

## PROJECTS

### **Hybrid UGV-UAV for Military Reconnaissance — Team Project**

**Technologies:** Raspberry Pi 3B+, Pixhawk, Manual Control Systems

- Built a hybrid unmanned vehicle capable of both ground and aerial  
navigation for surveillance tasks.
- Contributed to control logic integration, sensor calibration, and  
real-world testing.

