

Harish S

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SUMMARY

Enthusiastic and dedicated Electronics and Communication Engineering student currently pursuing III year at M.Kumarasamy College of Engineering. Skilled in embedded systems, IoT, and full-stack web development. Passionate about solving real-world problems through innovation and teamwork, with strong technical and analytical abilities.

WORK EXPERIENCE

Wipro Infrastructure Engineering – Internship

Jun 2024 – Jul 2024

Completed a 30-day industrial internship focused on IoT and automation. Gained exposure to real-time system monitoring and practical implementation of embedded control.

PROJECTS

MediNav – Smart Ambulance Navigation System

Developed an IoT + web-based system for real-time ambulance tracking, hospital selection, and route optimization. Integrated Supabase for backend data management and Leaflet for live map updates.

Automatic Light Upper Dipper

A smart vehicle lighting system using LDR sensors and relays to automatically control headlight brightness based on surrounding light conditions. Enhances safety and reduces driver fatigue.

Landslide Detection and Prediction System

IoT-based landslide prediction model using inclinometer, vibration, and soil moisture sensors. Uses LSTM algorithm to analyze real-time data against historical patterns for early warnings.

EDUCATION

2025 – Present	B.E. Electronics and Communication Engineering, M.Kumarasamy College of Engineering, Karur	(CGPA: 7.8/10)
2022	Class XII – Karur Saraswathi Vidhyalaya Hr. Sec. School	(83%)
2020	Class X – Karur Saraswathi Vidhyalaya Hr. Sec. School	(88%)

SKILLS

Programming	Basics of Java
Web Development	Basics of HTML and CSS
Tools	Git, Github, Postman, Arduino IDE, VS Code
Soft Skills	Team Collaboration, Adaptability