

Harish S

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SUMMARY

Enthusiastic and dedicated Electronics and Communication Engineering student at M. Kumarasamy College of Engineering, with a strong foundation in embedded systems, IoT, and web technologies. Actively pursuing full-stack web development, including HTML, CSS, and related frameworks. Motivated to tackle technical challenges, enhance problem solving skills, and continuously learn through innovative projects and collaborative teamwork.

WORK EXPERIENCE

Wipro Infrastructure Engineering – Internship

Jun 2025 – Aug 2025

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

Edunet Foundation – Internship

Jan 2025 – Feb 2025

Completed a certified internship program under the Edunet Foundation’s IBM SkillsBuild initiative. Gained hands-on experience in information security concepts, with a focus on implementing and understanding steganography techniques for the concealment and transmission of secure data.

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 to 4 th sem)	(CGPA: 7.8/10, up to 4 th sem)
2022	Class XII – Karur Saraswathi Vidhyalaya Hr. Sec. School	(88%)
2020	Class X – Karur Saraswathi Vidhyalaya Hr. Sec. School (Pass - Evaluated under COVID-19 assessment policy)	

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