Lakshmi Unnikrishnan

Engineering Student

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Profile

I am a passionate B.Tech student at Government Engineering College, Thrissur (GECTCR), specializing in Electronics and Communication Engineering. I have my basics in C, and I thrive on solving real-world problems through innovation. My enthusiasm for electronics drives me to experiment with IoT, robotics, and automation projects.

Education

Government Engineering College, Thrissur	Thrissur, Kerala
B.Tech in Electronics and Communication Engineering – CGPA:8.76	*2023 – 2027*
Mar Elias HSS, Kottappady	Kottappady, Kerala
Higher Secondary (Biology Science) – 98.6%	*2020 – 2022*

Technical Skills

Programming Languages: C, HTML, Python
Tools & Platforms: Git, VS Code, Verilog, LT spice, Tinkercad, LaTeX
Hardware: 8051 microcontroller, ESP8266
Soft Skills: Leadership, Problem-Solving, Active Listening, Time Management

Internships

IIIT Kottayam	Kottayam
IoT and Web Development Intern	*2024*

- Developed an IC trainer kit by soldering in PCB which can be controlled by using ESP8266.
- Performed web development tasks using PHP.
- Acheived the top performer title for the hardware phase of the internship

Projects

Linear Regulated Power Supply (0-24V, 2A)

- Designed and developed a linear regulated power supply with adjustable output (0-24V, 2A) for laboratory use.

- Achieved voltage regulation with less than 1% deviation, ensuring stable power delivery.

Werable Panic Attack Tracker

Built a werable panic attack tracker with IoT functionalities that will send SoS alerts to loved ones and vibrational feedback to the user to cope with the situation

Languages

Native: Malayalam
Intermediate: English
Beginner: Hindi

Interests

Technical: IoT, Signal processing and communication
Creative: Music, Painting, Writing (Essays, short stories,Blog)

Achievements

Finalist Hacksagon(Hardware Hackathon) organized by IIITM Gwalior,
Top perfomer of Intership at IIIT kottayam