

Anamala Hemanth Kumar

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🌐 Portfolio: <https://updated-portfolio1.vercel.app/>

Objective

Passionate software developer with a foundation in IoT, embedded systems, and core programming. Skilled in HTML, CSS, JavaScript, React, and Java. Seeking an internship to apply and grow my skills while contributing to innovative software solutions. Highly motivated to build a successful career in software development.

Education

Ramachandra College of Engineering, Eluru

2022 — 2026 (Expected)

The **Bachelor of Technology in Electronics and Communication Engineering** at **Jawaharlal Nehru Technological University, Kakinada** is a four-year undergraduate program that focuses on the design, development, and application of electronic devices and communication systems.

Projects

Web Applications

Mar 2024 — Apr 2024

QR Code Generator, Weather Application, Random Joke App, Movie Ticket Booking with seat selection and payment simulation.

Technologies Used: React, Node.js, MongoDB, MongoDB Atlas.

Internet of Things Water Heater Temperature

Feb 2023

Designed a radar detection and temperature-controlled heating system using embedded sensors.

Internet of Things Smart Dustbin

Feb 2024

A smart dustbin is an automated waste container that uses sensors to open and close the lid without physical contact.

Internships

Defence Research and Development Organisation / DRDL – Embedded Systems Intern, Hyderabad

15-05-2024 to 15-07-2024

Worked with LPC2378 and STM32 microcontrollers using Embedded C programming. Designed real-time sensor interfaces, performed firmware testing, simulation, and debugging.

PANTECH eLearning – Internet of Things Intern, Remote

25-12-2023 to 25-01-2024

Built real-time IoT projects using Arduino and ESP8266. Integrated sensors with Blynk and ThingSpeak for remote cloud dashboards.

Workshops

Participated in hands-on workshops on Machine Learning (ML), Data Analytics using Python, and Printed Circuit Board (PCB) design.

Technical Skills

Programming Languages : C, Python, Java, JavaScript, HTML, CSS, React.

Frameworks Tools : Node, MongoDB.

Familiar Tools : Google Excel Sheets, Word, Power Point Presentation (PPP).

Others : Keil uVision, ThingSpeak, Blynk, Twilio's.

Soft Skills

Teamwork, Organizational Abilities, Communication.

Certifications

1. Web Development using HTML, CSS, JavaScript
2. Coursera – “C for Everyone”
3. Ethical Hacking 101 – Simplilearn
4. Post Graduate Diploma in Computer Applications-(PGDCA)
5. Python Programming – HackerRank
6. HackerRank Top 110K Badge

Extra-curricular Activities

Cooking, Watching English Movies.

Languages Known

English, Telugu

Personal Details

Date of Birth: 27 April 2004