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Objective

Seeking a challenging position in a reputable Organization to expand and utilize my learning, skills and knowledge. Passionate and looking to join a forward thinking team. Flexible to work in any environment as required.

Education

Course / Degree	School / University	Grade / Score	Year
Bachelor of Engineering - Electronics and communication engineering (Ece)	Muffakham jah college of engineering and technology	83	2019-2023
Senior Secondary Education - XII	SVJC	94	2017-2019
Secondary Education -X	St Domnics High School	87	2016-2017

Internship

- **Trainee At Vector India**

May 2024 - Jan 2025

Advanced Embedded System

- Enrolled in an Embedded Systems course at Vector India.

- Gaining hands-on experience through embedded system projects and lab exercise.

- Actively attending workshops, seminars and industry events to stay updated on the latest embedded technology tools.

Skills

- Programming languages: C, C++, python
- Bus Protocols : UART, I2C, SPI, CAN
- Operating system : Linux, windows
- HTML5
- CSS
- Javascript
- SQL
- Frameworks & Libraries : React.js, Angular

Projects

- **Dashboard Design using CAN Protocol**

Developed a vehicle monitoring system to display fuel, percentage, control indicators and manage airbag indication using CAN protocol

Main Node : Configured to read accelerometer data for airbag indication and display it on the LCD. Managed indicator signals and fuel percentage display using external interrupts (sw1, sw2).

Indicator Node : Receive CAN data from the main Node to control indicators signals via LEDs

Fuel Node : Read fuel gauge sensor data using on-chip ADC and transmitted fuel levels to the main Node

Key skills : Embedded C programming, Lpc2129 Architecture, CAN protocol.

- **Weather App**

Created a responsive weather application using HTML, CSS, and JavaScript, integrating the OpenWeatherMap API to display real-time weather data. Implemented API handling, async/await, and DOM manipulation for dynamic user interaction.

Mini Projects

- **Multi-sensor data logger for agriculture**

Developed an IoT-based environmental monitoring system using the LPC2148 microcontroller to collect and display real-time data from DHT11 (temperature and humidity), RTC (real-time clock), and soil moisture sensors on an LCD.

Skills : Programming in Embedded C

- **Calculator App**

Developed a basic calculator using HTML5, CSS3, and JavaScript to perform arithmetic operations.

Implemented event handling, DOM manipulation, and a responsive UI for real-time input and output interaction.

Languages

- English
- Hindi
- Telugu

Extra Curricular Activities

- Regularly participate in coding contests Online - coding ninjas
- Won 1st prize for Essay Writing in the college
- Elected as Campus Ambassador in the campus - Emertxe

Interpersonal Skills

- Strong Communication and collaborative skills
- Time management
- Problem-solving and good Analytical skills
- Adaptability
- Leadership

Hobbies

- Riding Bike and exploring new places
- Hanging out with friends
- Playing chess/cricket
- Cooking new dishes