

CURRICULUM VITAE

PERSONAL INFORMATION



Divyashree P



Permanent Address: Shree Ranganathaswamy Nilaya, Near Ganapathi Temple, Near Nagannanapalya Siragate, Tumakuru - 572106



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Sex Female | Date of birth 12.10.2000 | Nationality Indian

Summary Statement

Enthusiast dedicated employee seeking for an opportunity that allows me to show my skills and contribution to the company's growth to magnify my skills by taking on this challenge position and expanding my knowledge. To seek a position in a company that can launch my career and help me to build a strong skill set.

WORK EXPERIENCE

10.06.2024 – 26-12-2024

Embedded System Developer

Amopa Solutions Private Limited, Bangalore (India)

Working as an embedded system developer, by using Microcontroller.

- Worked on SPI, I2C, UART.
- Hands on Experience in C, Embedded C.
- Hands on Experience in Ethernet, HTTP.
- Design develops, test and debug.

PROJECT -1: Power Monitor: Microcontroller (ESP8266)

Platform: Arduino IDE-2.3.4

Environment: C, Embedded C.

Responsibility: I was responsible for connecting microcontroller to nearest internet signal and the monitor was able to capture the power data to display.
the power supply and it will generate notification sends through SMS and email.

Project Description: The project uses an ESP8266 microcontroller with 6 relays to monitor the power supply of devices like a TV or fridge. It connects to nearby Wi-Fi, sends notifications (via message or email) when the power status changes, and if there's no internet connection, it creates its own Wi-Fi network with a default IP, allowing users to connect to nearby networks.

26.12.2024 – On Going

PROJECT -2: Premises Monitor: Microcontroller (ESP8266)

Platform: Arduino IDE-2.3.4

Environment: Embedded C.

Responsibility: I was responsible for handling the sensor data to monitor and display the data on LCD Display. When the data exceeds its threshold, costumer will get the alerts.

Project Description: my project, Premises Monitor, collects real-time data from various environmental sensors (like temperature, humidity, and pressure sensors) and sends the data to a centralized database. It displays the live readings on an LCD screen for immediate monitoring. This system is particularly useful in environments like hospitals and pharmaceutical companies, where maintaining optimal conditions is critical for safety, product quality, and compliance.

Projects & Internships

Internship

Klok Systems Private Limited

Project 1: RTL Design and Verification of UART

- Serial communication protocol that is commonly used for transmitting and receiving data between Mmicrocontroller’s, computers, and other electronic devices.
- UART uses a simple two-wire interface to transmit and receive data, consisting of a transmit line (TX) and a receive line (RX).
- I was responsible for writing an RTL code for UART RX and verifying the UART RX module.
- Hands on Experience on Hardware, Tested RTL code in SPARTAN-6 FPGA Board.

EDUCTAION AND TRAINING

Bachelor of Engineering - Electronics and Communication

Channabasaveshwara Institute of Technology, Tumakuru – 572 216

Successfully completed with 70 % Relative

CONFERENCE AND SEMINAR

- Got 2nd place in National Level Symposium Paper Presentation KNEW-2022 held at CIT.
- Participated in MHRD- Institution Innovation Council (IIC) National Education Policy –2022.
- My major project was selected to Karnataka state council for science and technology.

PERSONAL SKILLS

MOTHER TONGUE	Kannada.
ENGLISH	Level C1.
TECHNICAL SKILLS	IoT, RTOS and Embedded C.
SOFT SKILLS	Communication, Decision Making, Time management and Self-motivation.
TOOLS	Arduino IDE and Model Sim.

I hereby declare that the above said information is true to the best of my knowledge.

PLACE: TUMAKURU, INDIA

DATE: 25-03-2025

Divya Shree P.

Divyashree P