

# CURRICULUM VITAE

## PERSONAL INFORMATION



### Divyashree P



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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.

## 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 Microcontroller'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.

## 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:** Wrote code for connecting microcontroller to nearest internet signal and it will monitor the power supply and it will generate notification sends through SMS and email.

**Project Description:** my 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:** Wrote code for monitoring the sensor reading and display in LCD if the reading will exceed the maximum values customer will get 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.

## 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

C and Embedded C.

SOFT SKILLS

Communication, Decision Making, Time management and Self-motivation.

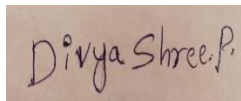
TOOLS

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: 04-02-2025



Divyashree P