ADITYAIRKAL

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SUMMARY

To kick start my professional journey by securing an entry-level position in company, where I can apply my skill and education to gain practical experience and contribute to the success of the organization. I am eager to learn, grow, and develop essential skills that will lay a solid foundation for my future career, while actively engaging with a supportive team and making meaningful contributions to the company's objectives.

PROJECTS

Self Driving Car

- A self-driving car prototype can be developed using Raspberry Pi and OpenCV, enabling autonomous navigation through the integration of computer vision algorithms and hardware components.
- Raspberry Pi interfaces seamlessly with various hardware components, simplifying the integration of cameras, motor controllers, and other peripherals required for the car.
- Building a self-driving car prototype with these tool scan serve as an excellent educational project

Design of 5:32 Decoder Using Cadence Virtuoso

- The design of a 5:32 decoder using Cadence Virtuoso involves the creation of a digital circuit that takes a 5-bit input and produces a 32-bitoutput. The decoder utilizes the features and tools provided by Cadence Virtuoso, a popular electronic design automation (EDA) software, to enable decient and accurate circuit design. Designed a 5:32 decoder using Cadence Virtuoso software, conducting simulations for functionality and timing verification using Synopsys tools.

Automatic Light and Temperature Sensor Using Arduino Controller

- The project aims to create an automated light and temperature sensor system using an Arduino controller, which will enable real-time monitoring of light levels and temperature in a given environment , allowing for automatic adjustments to lighting conditions and temperature settings for optimal comfort and energy efficiency.

EDUCATION

Bachelor of Engineering

KLS Vishwanathrao Deshpande Institute of Technology •Haliyal ,Karnataka •2024 •7.12(pursuing)

- Electronic and Communication Engineering(ECE)

Diploma

Tippu Shaheed Institute of Technology •Hubli, Karnataka•2021•69.4%

- Electronic and Communication Engineering(ECE)

State Board(10th)

Shri Durgadevi English Medium School •Hubli-Dharwad, Karnataka •2018 •56.48%

CERTIFICATIONS

Python

GUVI

HTML and CSS

bitlabs

Cadence Virtuoso

KLS Vdit

COURSEWORK

Embedded Full Stack IOT

Government Tool Room and Training Center

SKILLS

- HTML CSS
- PCB design
- Python
- Cadence Virtuoso
- VLSI
- Microcontroller
- Verilog

Declaration

I here by declare that all the details furnished above are true and correct to the best of my knowledge and belief. Supporting documents shall be available on request

Signature