TANNEERU SAI BHARGAV

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Career Objective

Seeking an opportunity to leverage my strong analytical and problem-solving skills, where I can learn and grow alongside experienced professionals.

Education

K L University — Bachelor of Technology • GPA : 8.36
Electronics & Communication Engineering — 2018 - 2022

Vignan Cooperative Junior College — Intermediate • Percentage : 95%
MPC — 2016 - 2018

Saint Joseph's School — SSC • GPA : 9.3
2016

Certified Training

Advanced VLSI Design and Verification Course — June 2022 - June 2023
Maven Silicon VLSI Design and Verification Centre, Bangalore

Technical Skills

Operating Systems - Linux, Windows

Tools - QuestaSim, QuartusPrime

Programming - C, Python, Shell Scripting

Protocols - AXI

Design Skills

Digital Electronics

Verilog HDL

Static Timing Analysis

Verification Skills

SystemVerilog

SystemVerilog Assertions

UVM

Certifications

VLSI Design, Embedded IoT Programming
Tessolve
Certificate

VLSI-Advanced Design & Verification-SystemVerilog and UVM
Tessolve
Certificate

Basic Introduction to Linux Course
SkillUP (by Simplilearn)
Certificate

Internship in PCB Design
HexnBit (Tevatron Technologies Pvt. Ltd)
Certificate

Projects

Router 1x3 - RTL Design and Verification
The router accepts data packets on a single 8-bit port and routes them to one of the three output channels: channel 0, channel 1 and channel 2.

Responsibilities:

- Architected the block level structure for the design.
- Implemented RTL using Verilog HDL.
- Verified the RTL Design.

Arduino based Security System Using Passive Infrared(PIR) Motion Sensor with Blynk - NodeMCU

The Project is about security system that can be used at home and big factories etc. In this project we used a PIR Sensor, which is used for motion detection, is linked to Arduino board and NodeMCU. Whenever the PIR sensor detects a moving person we are notified through the blynk app or in twitter app with the help of the NodeMCU, which is connected to the Arduino Board.

Weather App using Python
The weather app project involves developing a user-friendly application that fetches and displays real-time and forecasted weather data for user-specified locations, typically using public APIs like OpenWeatherMap.

Languages

Telugu **Hindi** **English**

Declaration

I hereby declare that all the information given above is true and correct to the best of my knowledge.

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