Inturu Bhavani Siva Phanindra
phaniinturu@gmail.com, 9381898067
Peteru-522265, Andra Pradesh

Career Objective

Seeking a career as a Physical Design Engineer with an opportunity for advancement in the latest technology nodes, where I can contribute my skills to the organization's success while being resourceful, innovative, and flexible

Core Competancy

- Hands-on experience in Physical Design using Synopsis ICC2_Shell in the 40nm technological node with efficient area, power and timing optimization
- Hands-on experience in STA using Synopsis Prime Time for timing analysis and finding violating timing paths
- Knowledge of scripting languages such as shell, Perl, TCL
- For interpreting timing reports in STA and fixing violations by calculating various parameters such as Setup Slack, Hold Slack and propagation delay
- Interpreted and fixed DRC and LVS errors during floorplan, placement, CTS, and Routing stages of Physical Design
- comprehensive Knowledge of Digital Logic Design, CMOS theory

Education Details

Advanced Diploma in ASIC Design **2023**
RV-VLSI Design Center

Bachelor Degree in **Electronics and Communication** **2021**
Narasaraopeta Engineering Collage, with 60 %

2015
Sri Chaitanya Junior collage, with 7.7 %

SSLC **2013**
S.P.B.M.Z.P.HIGH SCHOOL, with 7.7 %

Domain Specific Project

RV-VLSI Design center

Graduate Trainee Engineer Aug-2022 to Feb-2023

LAKSHYA

Description

Create floor planning without congestion, IR, Timing, Noise, and Routing issues, validation the timing performance of a design by checking slack

Tools

ICC2_Shell, Synopsis prime time

Challenges

- Create a floorplan without congestion, IR Timing, Noise, and Routing Issues
- validation the timing performance of design by checking all possible parts based on setup and hold violation
- place standed cell avalivable in synthisi netlist with optimation by considering the route ability
- analysis and fixing DRC issues

B.E / B.Tech Academic Project

Narasaraopeta Engineering Collage

FIRE DETECTION AND ALERTING SYSTEM USING IOT

Description

The main aim of this project is to detect the occurrence of fire and alert the control panel by using a wireless security control system and sensor network. we can use robots and drones are used in the fire department to save the lives of the fire dep. officers

Tools

CVAVR (code vision -AVR),Proteus Microcontroller(ATmega16)

Challenges

- we can make better use of this IOT-based fire detection and alerting system to reduce fire accidents rather than a fire alarm system save the lives of people along with the fire department officers