

UDAYRAJ SYKAM

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Objective

- I intend to establish myself as a VLSI professional looking forward to an opportunity in the field of VLSI, contributing to the company's growth and thereby ensuring personal growth within the organization.

Education

Bachelor of Technology in Electronics and Communication Engineering 2014 - 2018

Gokaraju Rangaraju Institute of Engineering and Technology

Hyderabad, Telangana

Percentage: 80.03

Intermediate

Narayana Junior College

Percentage: 96.6

2012 - 2014

Hyderabad, Telangana

SSC

Bhashyam High School

CGPA: 9.5

2011 - 2012

Hyderabad, Telangana

Professional training:

Institute Name: Sumedha IT Institute of Technology - Hyderabad

Duration: Six Months under process.

Role: Physical Design Engineer.

Tools Used in Training: DC_Shell and ICC2_Shell.

Summary

- Hands-on experience with EDA tools like ICC2.
- Formulated 28nm technologies.
- Experience in debugging skills like DRC, setup and hold violations.

Projects:

PROJECT 1:

Project	RP_TOP
Technology	28nm
Tools	Synopsys ICC2
Frequency	500 MHz
Macros	6
Gate count	67k
No. of Clocks	1 master clock

Responsibilities:

- Successfully implemented block design from netlist to GDSII.
- Involved in Floor planning, Power Plan, Placement, CTS, Routing, and Static timing analysis.
- Congestion analysis, Timing closure, DRC fixes.

PROJECT 2:

Project	ALU
Technology	28nm
Tools	Design Compiler
Frequency	200 MHz
Gate count	480
No. of Clocks	3 master clocks

Responsibilities:

- Successfully completed synthesis with 5ns time period.
- Design constraints like Input and output delays, clock uncertainty, setup and hold uncertainty for Design under analysis.
- Performed sanity checks and optimize the design with respect to performance.

Skills:

- Hardware design tools: Design Compiler, IC Compiler II
- Programming language: Basic C .
- Scripting languages: Tcsh, Tcl.
- VLSI skills: Scripting, STA, PNR.

Declaration:

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

Place:
Hyderabad

Signature:
Udayraj Sykam