

RACHERLA HIMABINDU

VLSI Researcher | Verilog | Verification Engineer | Leadership

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PROFESSIONAL PROFILE

I am a passionate professional with expertise in Python, C, and VLSI design fundamentals, proficient in utilizing Verilog and Cadence tools for RTL to GDS processes. I excel in optimizing designs for performance, power, and area considerations. With a collaborative approach, I deliver high-quality integrated circuits within cross-functional teams, adhering to industry best practices. I am eager to leverage my technical background and problem-solving skills to contribute to cutting-edge semiconductor projects.

SKILLS

Project Management

Verilog Coding

Leadership

Cadence

Problem-Solving

Python

RTL Analysis

C

INTERNSHIP

LERNX

Human Resource Intern

Remote

06/2023 - 08/2023

I completed a Human Resource Management Internship at LERNX in work-from-home mode. I had driven through the leading and hiring departments, and many more. I have leveled up my communication skills, knowledge in the management department, and team-leading skills.

Gandhi Institute of Technology and Management

Bangalore

Training & Competency Development

03/2023 - Present

- Designed and executed upskilling programs for students, including hackathons, workshops, motivational talks, and alumni-led training sessions
- Developed hands-on learning opportunities, bridging the theory and practical application gap.
- Coordinated pre-interview rounds, equipping students with essential interview skills and boosting their confidence.
- Facilitated industry interaction by inviting HR professionals from various companies to conduct upskilling sessions, aligning student skillsets with current job market demands.

CERTIFICATIONS

RTL TO GDS --- This Certificate was issued by "NPTEL"

VERILOG --- This Certificate was issued by "Coursera"

PROJECTS



LOGIC FUNCTION GENERATOR

THIS PROJECT WAS IMPLEMENTED IN FPGA KIT



PIEZO ELECTRIC POWER GENERATION

EDUCATION

Gandhi Institute of Technology and Management

BANGALORE

Bachelor's Degree in Electronics & Communication Engineering specializing in (AI&ML) –
(9.5) CGPA

2021 – PRESENT

Narayana Junior College

HYDERABAD

Intermediate High School - (98%)

2019 – 2021

Kendriya Vidyalaya

MEHSANA

Senior Secondary School – (89%)

2018– 2019

LANGUAGES

English Proficient ●●●●●

Hindi Proficient ●●●●●

Telugu Native ●●●●●