

Naveenprasad Enupula

ANDHRAPRADESH

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EXPERIENCE

1. Design and Implementation of a 32-bit RISC Processor Using Verilog

- Developed a 32-bit RISC processor in Verilog, including modules for instruction fetch, decode, execute, and write-back.
- Used ModelSim for simulation and Xilinx for synthesis.
- Conducted functional verification to ensure processor performance met design specifications.

2. Real-Time Object Detection System Using Embedded Systems

- Built a real-time object detection prototype using Raspberry Pi and an ARM Cortex-M microcontroller.
- Utilized Python and OpenCV for image processing and analysis.
- Optimized code for low-latency processing and tested the system in varied lighting conditions.

3. Low-Power VLSI Design of an 8x8 Multiplier Using CMOS Technology

- Designed and simulated an 8x8 multiplier circuit using CMOS technology to achieve low-power consumption.
- Employed Cadence tools for layout and post-layout simulation.
- Analyzed power consumption and optimized the circuit for energy efficiency.

Achievements

- Secured 1st position in Academic year.
- Publishing a research paper on "Low-Power VLSI Techniques" in Science Index

SUMMARY

As a **fresher** I am dedicated to continuous learning and growth. I am eager to collaborate with talented teams, tackle challenges, and stay updated with industry trends to deliver high-quality, responsive web applications

SKILLS

FrontEnd	HTML,CSS,JS
FrameWorks	Angular, React, Express,node
BackEnd	SQL,PHP,
Programming	C,C++,python
Libraries	Numpy,pandas,matplotlib
Tools.	GIT,Postman,Figma,canva
Other Skills	Influencer, Digital Marketing, Editor

EDUCATION

M.Tech- VLSI & Embedded systems in
Sasi Institute of Technology and Engineering
(pursuing 2023-2025), AP

B.Tech-Electronics & Instrumentation
Engineering in

Bapatla Engineering College, AP

Diploma- Electronics & Instrumentation
Engineering in

SMVM Polytechnic, AP

X -Nalanda EM School, SSC AP.

LANGUAGES

- TELUGU
- ENGLISH
- HINDI

INTERESTS

- Learning Languages
- Fitness
- ListeningEntrepreneurPodcasts
- Researching business case studies of different companies
- LinkedIncontentwriting