

K.Vinil Sai Kumar Reddy

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CAREER OBJECTIVE

Aspiring VLSI engineer with a keen interest in digital design, semiconductor technology, and FPGA-based systems. Looking for an internship to apply my knowledge of Verilog, RTL design, and ASIC flow while working on real-world chip design and fabrication challenges.

EDUCATION

G. Pulla Reddy Engineering College (Autonomous), Kurnool
Bachelor of Technology, Electronics and Communication Engineering.

2023 – Present
CGPA: 8.43/10

NARAYANA jr College , Ananthapur
Intermediate: MPC (STATE BOARD).

2021 - 2023
Percentage: 91.3%

Sri Aurobindo centenary English Medium High School, Tadipatri
Secondary School Certificate (SSC).

JUNE 2021
Percentage: 96.3 %

PROJECTS

HUMANIOD ROBOT BASED (Voice ai assistant)

- **Technologies used:** Mistral-7B-intstruct-v0.2, and FAISS
- **Objective:** To assist the features of college, A-Z information about college for visitors.
- **Programing language:** Python(main),html,java script,css(front-end).
- **Structure:** Manique boy toy, legs and hands moment, and forward and backward moment

SKILLS

- **Simulation tools:** Cadence NCsim (Incisive), Xilinx Vivado, Matlab,Tina Pro.
- **Embedded systems:** Arduino, Raspberry Pi.
- **Programming Languages:** Python, c-language, basics of java.
- **Soft skills:** ppt presentation, poster presentation, team work.

ACHEIVEMENTS

- RBI 90 QUIZ (State level).
- Jignasa 2k24 1st prize.

ACTIVITIES

- Participated in a three-day national-level hands-on workshop on “Exploring Verilog and FPGA for Digital Design”, organized by the IEEE Communications and IT Society of GPREC(A).
- Participated in a two-day hands-on workshop on “Radio Access Technologies” during “WAVE FRONT 2K25”, organized by the IEEE Communications and Microwave Theory Society of GPREC(A).
- Exhibited a model on “HUMONOID ROBOT” at “Vignanamela 4.0”, a technical exhibition and science fair, as part of the Ruby Jubilee celebrations of GPREC(A).

DECLARATION

I here by declare that all the information provided in this resume is true and accurate to the best of my knowledge.

Place: Kurnool.

Date: 17-03-2025

Signature: