

K.Vinil Sai Kumar Reddy

239X1A0461@gprec.ac.in | +91 6304786167 | www.linkedin.vinilsaikumarreddy.in

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: