LIKHITHA RAM L

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CAREER OBJECTIVE

To pursue a career in Electronics and Communication Engineering, leveraging theoretical knowledge to design innovative solutions for real-world challenges.

TECHNICAL SKILLS

Electronics expertise:
- Digital electronics
- VLSI design
- Analog Electronics
- Communication Theory

Simulation Tools:
- Modelsim
- Vivado
- LTspice
- Ansys

Languages:
Programming:
- Python

Hardware Description:
- VHDL

CERTIFICATIONS

- Introduction to AWS cloud*
- LabView*

EDUCATION

Bachelor of Technology - Electronics and Communication Engineering   *Jun 2021 - Aug 2025*
Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore
CGPA: 7.33/10

Higher Secondary Education   *May 2019 - Mar 2021*
Narayana Junior College, Nellore
Marks: 982/1000

Secondary Education   *May 2018 - Mar 2019*
Ratnam Olympiad, Nellore
Grade: 10/10

PROJECTS

Transistor Tester   *Feb 2024 - May 2025*
Built a user-friendly transistor tester using only electrical components that efficiently distinguish NPN and PNP BJTs, determining their operability and facilitating streamlined troubleshooting in electronic systems.

FPGA-based password security system with intruder detection   *Feb 2024 -May 2025*
Designed and implemented a secure access system using FPGA and VHDL, integrated with a PMOD interface, for password validation and intruder detection, against unauthorized access using Basys3 FPGA board with the help of modelsim and vivado tools.

E-BIN a smart Garbage system   *Nov 2023 - Jan 2024*
Tools used: KeiluVision 4,Proteus .
Developed and implemented the innovative E-Bin aimed at revolutionizing waste management practices for urban areas.
Leveraged microcontroller technology to create an eco-friendly solution for efficient waste monitoring and control.

WORK EXPERIENCE

Internship and Industrial training, BSNL   *June 2024 - July2024*
Nellore, Andhra Pradesh.
Gained hands-on experience with mobile communication systems, acquiring in-depth knowledge of network equipment and its functionality.

EXTRA CURRICULAR ACTIVITIES

Member of Student Council   *Dec 2022 - Present*
Leading the Way, Together as One
Office Bearer - Sahaya Club   *June 2022 - May2023*
The social club aims to help the needy right from children to the elderly with wholehearted service