

UMAMAHESH ADDAGARLA

Usulumarru Village, Andhra Pradesh

☎ [+91-8106970531](tel:+91-8106970531) ✉ umamaheshece003@gmail.com  [linkedin.com/in/umamahesh](https://www.linkedin.com/in/umamahesh)

ABSTRACT

Passionate VLSI Learner with strong skills in digital design, Verilog, and FPGA development, Eager to innovate and grow in the semiconductor industry.

EDUCATION

SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)

Aug 2023 – Apr 2026

B.Tech. in Electronics and Communication Engineering. - **CGPA – 8.9**

Bhimavaram, Andhra Pradesh

A.A.N.M & V.V.R.S.R POLYTECHNIC COLLEGE

Nov 2020 – Jun 2023

Diploma in Electronics and Communication Engineering. - **CGPA - 9.8**

Gudlavalleru, Andhra Pradesh

COURSEWORK / SKILLS

- Digital Design
- VLSI
- Verilog
- System Verilog
- CMOS Fabrication Design
- Network Analysis
- Control Systems
- Computer Hardware Networking
- Signal Processing

WORK EXPERIENCE

Intern at Alpha Private Ltd Solutions

March 2023 - June 2023

Role- Trainee Karimnagar, Telangana

- Worked on capacitive transducer-sensing systems.

TECHNICAL SKILLS

Languages: • Python • Java • C language

Developer Tools: • Arduino IDE • MATLAB • VS Code • Xilinx Vivado • EDA Playground

PROJECTS

1. RFID Based Smart Parking System /Team / Node MCU software, C++

Mar 2024

- Developed an RFID-based smart parking system for automated vehicle access and real-time slot management..

2. Traffic Light Controller /Individual / Xilinx Vivado software, Verilog

Jan 2025

- Designed a Traffic Light Controller using Verilog to simulate real-time signal transitions.

3. Floor Elevating System /Individual / Xilinx Vivado software, Verilog

Feb 2025

- Developed a 4-Floor Elevator System using Verilog based on FSM logic to control floor selection.

INTERNSHIP

International Institute of Digital Communication

May 2024 – Jun 2024

Role- MATLAB for Engineering Applications & Simulations intern Tirupathi, Andhra Pradesh

CERTIFICATIONS

- Google Cloud Computing - NPTEL
- Cisco CCNA - Cisco private Limited

SOFT SKILLS

- Leadership
- Time Management
- Adaptability

AREAS OF INTEREST

- Photography
- Workshops
- Traveling
- sports

EXTRACURRICULAR ACTIVITIES

- Successfully participated National level Techno Fest event in R.V.R.J.C Engineering college. 2023-2024

