



DEVIREDDY INDRASENAREDDY

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CAREER OBJECTIVE

A focused and dedicated individual with a positive mindset, committed to continuous learning and personal growth. Approaches responsibilities with sincerity and discipline, and is open to new opportunities that enhance technical and professional development.

EDUCATION

Bachelor of Engineering – Electronics Engineering (VLSI Design and Technology)

R.M.K Engineering College, Chennai, Tamil Nadu

2023 – 2027

CGPA: 7.47 (Till 5th Semester)

Intermediate – MPC

Sri Chaitanya Junior College, Vijayawada, Andhra Pradesh

2021 – 2023

Percentage: 90.5%

Secondary Education

Sri Sai Vidyanikethan High School, Badvel, Kadapa(Dist), Andhra Pradesh

2020 – 2021

Percentage: 94%

TECHNICAL SKILLS

Languages: C , Verilog

Technologies/Frameworks: Excel, Ms Word

Tools: Xilinx , Vivado

Web Development: HTML, CSS.

PROJECTS

Solar Panel with Sun Position Tracking System

- Automated sun-tracking solar panel using Arduino, LDR sensors, and servo motors.
- Real-time adjustment to maximize solar energy absorption.
- Achieved 20–40 efficiency improvement over fixed panels.
- Low-power, stable, and cost-effective system.
- Scalable design with future scope for IoT-based monitoring.

INTERNSHIP

Technotron – Verilog Design Intern

June 2025 – July 2025

- Completed a hands-on internship focused on Verilog HDL and digital system design.
- Designed and implemented a Hybrid multiplier using adders in verilog.
- Applied reversible logic principles to minimize information loss and power consumption.

CERTIFICATIONS

- Completed C Programming Basics from simplilearn.
- System Design Through Verilog (Elite), Digital Circuits, CMOS VLSI Design, Introduction to Semiconductor Devices – NPTEL.
- Digital Electronics, C Programming – Udemy.