

KUSUMA DASARI

Summary

Enthusiastic and diligent Electrical Engineering graduate Demonstrates excellent problem-solving abilities, strong technical skills, and a keen interest in innovative and sustainable technologies. Eager to apply my diverse skill set and contribute to cutting-edge projects in the engineering and technology sectors.

Education

Godavari Institute of Engineering and Technology

Bachelor of Technology in Electrical and Electronic Engineering - 8.43 CGPA

2021– 2025

Rajahmundry, AP

Narayana Junior College

Intermediate – 9.5 CGPA

2019 – 2021

Bobbili, AP

Abhyudaya English medium school

SSC – 10 CGPA

2018 – 2019

Bobbili, AP

Internship

VLSI- Very Large-Scale Integration

May 2024 - July 2024

IIDT-Blackbucks /APLMS

- Applied theoretical knowledge of VLSI design principles in practical settings, contributing to the development of integrated circuits (ICs).
- Implemented RTL coding, synthesis, and timing analysis for digital blocks, gaining proficiency in Verilog/VHDL.
- Documented design specifications, test procedures, and results, ensuring comprehensive project documentation.

AWS-Amazon Web Services

Oct 2023

Cloud Practitioner Intern | Techwing Institution

- Actively participated in the design and implementation of cloud-based solutions leveraging Amazon Web Services (AWS) infrastructure.
- Successfully attained AWS Cloud Practitioner certification, AWS services and architecture best practices.

Projects

Analysis of a simplified 13-Level Inverter using Reduced Switched Capacitor Technology

- Aimed to achieve a 13-level output voltage waveform with reduced switching components, demonstrating efficiency improvements over traditional inverters.
- The project is about to reduce harmonic generation due to voltage fluctuations and to improve efficiency and helps to solve complex engineering challenges in renewable energy and industrial applications.
- The aim of project is to improve efficiency, reduce cost and to reduce the harmonics generated which cause disturbances.

Technical Skills

Languages: Python, HTML

Technical Tools: MATLAB, HOMER PRO, SLACK

Certifications

AWS CLOUD PRACTITIONER

- Earned AWS Cloud Practitioner certification demonstrating foundational knowledge of AWS cloud concepts, services, and best practices.
- Demonstrated understanding of cloud security principles and compliance requirements, ensuring secure and compliant cloud deployments.
- Developed proficiency in navigating the AWS Management Console and understanding AWS billing, account management, and pricing models.

HOBBIES

- Cooking
- Playing games
- Listening to music

Declaration

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I understand that any false statements may lead to disqualification from employment or termination of employment if discovered later.