

KUSUMA DASARI

 kusumadasari18@gmail.com

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	2021 – 2025
<i>Bachelor of Technology in Electrical and Electronic Engineering - 8.43 CGPA</i>	<i>Rajahmundry, AP</i>
Narayana Junior College	2019 – 2021
<i>Intermediate – 9.5 CGPA</i>	<i>Bobbili, AP</i>
Abhyudaya English medium school	2018 – 2019
<i>SSC – 10 CGPA</i>	<i>Bobbili, AP</i>

Internship

VLSI- Very Large-Scale Integration	May 2024 - July 2024
<i>IITD-Blackbucks /APLMS</i>	
<ul style="list-style-type: none"> 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
<i>Cloud Practitioner Intern Techwing Institution</i>	
<ul style="list-style-type: none"> 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.