

UDDANDAM SAI

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📍 Andhra Pradesh, India



OBJECTIVE

Motivated to continuously learn, grow, and challenge myself to align with the company's expectations. Fast learner with strong adaptability and a collaborative mindset, committed to working with diverse technologies and delivering quality results.

EDUCATION

B.Tech – Electrical & Electronics Engineering

Narasaraopeta Engineering College (Autonomous), JNTUK

Oct 2022 – May 2025 | CGPA: 8.16

Diploma – Electrical & Electronics Engineering

Kakinada Institute of Technology & Science, SBTET

Aug 2019 – May 2022 | 88.58%

SSC

ZP High School, BSEAP

2018 – 2019 | GPA: 9.8

PROJECTS

Online Quiz Web Application

Tech: HTML, CSS, JavaScript

- Built an interactive quiz platform with category-based MCQs and real-time score evaluation.
- Implemented dynamic question rendering, option validation, and automated result calculation.
- Designed a fully responsive UI and deployed on GitHub Pages, demonstrating end-to-end frontend development skills.

Power Saving System Using Multi-Generation Topology (EEE Project)

Tech: Arduino UNO, Relays, Sensors

- Developed a renewable energy-integrated power management system using Solar, Wind, and Piezoelectric sources.
- Implemented priority-based switching for uninterrupted power supply to critical loads.
- Demonstrated reduced grid dependency and cost-effective sustainable energy usage.

SKILLS

Web Technologies: HTML, CSS, JavaScript.

Programming: Python.

Database: MySQL.

Tools: Figma (Basic), Power Bi (Intermediate), MS Excel, MS Word, AutoCAD.

Soft Skills: Problem-solving, Active Learning, Presentation Skills.

CERTIFICATIONS

Python Full Course – GeeksforGeeks.

Basics of Python – Infosys Springboard.

SQL Basic Certification – HackerRank.

AI: Transformative Learning – TechSaksham.

Data Engineering Virtual Internship – AWS Academy.

Design Technology and Innovation – NPTEL.

AutoCAD EEE – SkillDzire.

INTERNSHIPS

Data Engineering Virtual Internship

Apr 2024 – Jun 2024

- Built statistical models for risk assessment using Python and SQL.
- Executed test scripts for data validation ensuring accuracy and integrity.
- Assisted in designing data pipelines to improve processing efficiency.

AutoCAD EEE Virtual Internship

Apr 2024 – Jun 2024

- Designed electrical circuit diagrams using AutoCAD with reduced design errors.
- Performed simulations and documented technical specifications.

ACHIEVEMENTS

• First Place – **Technical Quiz** Competition.

• Second Place – **Project Expo**, showcasing innovative technical solutions.

• **Dr. A.P.J. Abdul Kalam Vidya Puraskar** (2019) for securing school first rank in SSC.

HOBBIES

Cooking, Travelling, Badminton