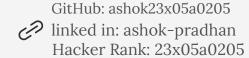
ASHOK PRADHAN







PROFILE SUMMARY

"Innovative Electrical and Electronic Engineering student with a strong command of computer science languages and a passion for core programming. Skilled in software development, embedded systems, design, prototyping, testing, and seamless IT integration."

ACADEMIC QUALIFICATION

B. Tech (EEE) JNTU(H)

Narsimha Reddy Engineering College CGPA: 8.3 (till 3-2) 2026

Diploma (Electrical and Electronics Enginnering)

Government Polytechnic, kothagudem CGPA: 9.4 2020 – 2023 10th SSC

Arunodaya Vidyalayam High School CGPA: 10 2020

TECHNICAL PROFICIENCY

• Programming language: C, C++, Python

• Front End : HTML

• Designing Software : AutoCAD, MATLAB

LABVIEW, Simulink

• Tools : Arduino, ESP32

PRIMARY SKILLSET

- OOP Concepts in C++:
- 1. Object-Oriented Design: Organizes programming around objects, representing real-world entities.
- 2. Key Principles: Encapsulation, inheritance, and polymorphism ensure structured and efficient code.

CERTIFICATIONS

- C Language, Udemy
- C++ Language, Udemy
- Python, Udemy
- AutoCAD 3D Modeling

HACKER RANK BADGES

C Language

• C++ Language



Python



INTERNSHIP EXPERIENCE

Product Testing & Team leader

Dec 2022 -May 2023

Linkwell Tele Systems (Three Phase Energy Meter)

• Conduct comprehensive testing of three-phase energy meters to ensure accuracy and compliance. Lead a team for efficient testing, document results, address defects, and drive quality improvements.

Python Programming Training & Internship Feb 2025 - mar 2025 Python Programming Internship (AICTE APPROVED)

• Completed a Python Programming Internship under the AICTE-approved program, gaining hands-on experience in software development and automation. Worked on real-world projects, enhancing problem-solving and coding skills. Developed a strong foundation in Python for AI, data analysis, and application development.

PROJECT EXPERIENCE

Solar Light with Remote Controlling (T/L)

JULY 2022 -NOV 2022

- Energy Efficiency: Automatically adjusts brightness based on ambient light and activates only in low-light conditions to conserve energy.
- Automatic Operation: Ensures seamless functionality by turning on during dark hours without manual intervention.

RFID Door lock system (T/L)

Feb 2025mar 2025

- "Designed and developed an RFID-based Door Lock System for secure and automated access control. Integrated RFID technology with a microcontroller to authenticate and grant access efficiently.
- Implemented real-time validation, data logging, and fail-safe mechanisms to enhance security and reliability. Optimized hardware-software integration for seamless operation, making it a robust and scalable solution for smart security systems."

CO-CURCIULAR ACTIVITIES

Work shop:

- 1. Embedded system on Designing Logic circuits
- 2. Electrical wiring on Installing

NSS:

- 1. Blood Donation Camp
- 2. Co-Ordinator in Sports