





HARI KRISHNA PADALA

 harikrishnapadala1818@gmail.com  8639205233  PALASA,INDIA

 linkedin.com/in/ hari-krishna-padala-1b128a336

CAREER OBJECTIVE

A recent Electronics and Communication Engineering graduate from Anil Neerukonda Institute of Technology and Sciences, with hands-on experience in modern development and deployment tools. Skilled in C++ and Java, with working knowledge of Linux environments and DevOps tools including Git, Maven, Tomcat, Nexus, Jenkins, Docker, and Nginx.

EDUCATION

Bachelor of Technology, Anil Neerukonda Institute of Technology and Sciences	2021 – 2025
Branch : Electronics and Communication Engineering	CGPA : 8.53
	Visakhapatnam, India
Intermediate : Ascent Junior College	2019 – 2021
Stream: MPC	Score:909
	Visakhapatnam, India
Secondary School : Sri Chaitanya school	2018 – 2019
Grade: 9.7	Palasa, India

PROJECTS

Heat Sense : Adaptive Cooling System:

- This research proposes an intelligent cooling system for power adapters. By monitoring temperature, power consumption, and environment, the system optimizes thermal management, enhances reliability, and extends product life through predictive maintenance and adaptive cooling strategies.

Traffic Lights using IC555

- Implemented a traffic light system is implemented using IC555 timers to generate precise time intervals for red, yellow, and green lights, ensuring safe and efficient traffic flow.

Smart Reservoir Flood Monitoring and Prevention System

- Developed a Smart Reservoir Flood Monitoring and Prevention System using ESP32, DHT11, ultrasonic, and rainfall sensors. Integrated a trained XGBoost machine learning model for real-time flood prediction. Enabled automated gate control and flood alerts via GSM and Blynk.

PROFESSIONAL EXPERIENCE

INDO GERMAN INSTITUTE OF ADVANCED TECHNOLOGY(IGIAT)	Visakhapatnam, India
Completed internship training on Programmable Logic Controllers (PLCs), gaining hands-on experience in automation and industrial control systems.	

SKILLS

Programming Languages – – JAVA, C++, Python

Frontend – HTML,CSS,JavaScript,React.js

DevOps Tools & Technologies – Jenkins, Maven, Docker, SonarQube, Nexus, Apache Tomcat, AWS EC2, Linux, Git,kubernetes

Soft Skills – Critical Thinking , Problem Solving , Self-learning , Presentation , Adaptability.

HACKATHONS AND WORKSHOPS

Workshop on Data Science, JNTU-Kakinada	03/2023
• Planning and understanding data structures basics to understand the importance of data sciences to solve real life problems.	

CERTIFICATES

Python 3 : Fundamentals
•By Udemy

Workshop on Data Science
•At JNTU-K

Programming in Java
• By NPTEL