

# CHANDIKA PURNA REVANTH

## Aspiring AI and Machine Learning Engineer

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📍 Machilipatnam, Krishna District, Andhra Pradesh

### SUMMARY

I am a dedicated and innovative student pursuing a Btech in Artificial Intelligence & Machine Learning. I possess a strong foundation in programming and web development, complemented by practical experience acquired through internships and hackathons. My goal is to leverage my technical skills to contribute to impactful projects while continually enhancing my knowledge across evolving technologies

### EXPERIENCE

#### Team Lead

##### Smart India Hackathon

📅 11/2023   11/2023   📍 Bangalore, India  
Hackathon held at Ramiah university, Bangalore

#### Team Member

##### HACK \$DAY Edition-1

📅 12/2023   12/2023   📍 Puducherry, Tamil Nadu, India

Hackathon organized by OxDay and Pivot held at Sri Manakula Vinayagar Engineering College

#### Intern

##### Artificial Intelligence Medical Engineering Society AIMERS

📅 05/2024   06/2024   📍 AIMERS, India

Internship focused on AI technologies

- Worked on AI tools such as Visual Question Answering and Object Detection

#### Intern

##### Edunet Foundation

📅 11/2024   12/2024   📍 Edunet Foundation, India

Internship dealing with NLP and chatbot technology

- Developed an NLP-based chatbot using Python and Streamlit for improved user interaction

### EDUCATION

#### Btech

##### GUDLAVALLERU ENGINEERING COLLEGE

📅 08/2022   05/2026   📍 Andhra Pradesh, India

#### MPC

##### PAVITHRA CO OPERATIVE JUNIOR COLLEGE

📅 06/2020   05/2022   📍 Andhra Pradesh, India

#### SSC

##### NELLORE'S RAVINDHRA BARATHI

📅 06/2018   05/2020   📍 Andhra Pradesh, India

### CERTIFICATIONS

#### Certification on C language

Jawaharlal Nehru National Youth Center Issued Sep 2022

Skills: C (Programming Language)

#### Certification on python

Cisco Networking Academy Issued Jul 2023

Skills: Python (Programming Language)

#### ML0101EN: Machine Learning with Python

iIBM iX Issued May 2024

Skills: Machine Learning

#### CS109x: Introduction to Data Science with Python

HarvardX Issued May 2024

Skills: Data Handling

### KEY ACHIEVEMENTS

#### ■ Deploying AgriScan On HuggingFace

AgriScan is an AI-powered tool that detects crop diseases from images and suggests remedies, helping farmers in remote areas with timely guidance.

#### ■ Development of NLP Chatbot

Successfully developed an NLP-based chatbot during my internship, significantly enhancing user experience

### SKILLS

HTML	CSS	Flask	Git	GitHub
Python	IBM	JavaScript	LLM	
NLP	Chatbot	Python	Streamlit	
Visual Studio Code	XAMPP	C Language		
SQLite	Machine Learning			

### PROJECTS

#### HydroHub – Hackathon Project

HydroHub is a smart water management web platform that helps users access, manage, and learn about water resources efficiently.

- User Account Management: Secure login, registration, and password recovery system for personalized access.
- Water Information Chatbot: AI-powered chatbot that provides instant responses to water-related queries and guidance.

#### Street Light Controller for MSMEs

A cost-effective street light automation system using ESP32 that controls lights based on ambient light and motion detection, enhancing energy efficiency..

- Low-Cost IoT Integration: Built under ₹1000 using ESP32 and sensors for smart automation.

#### AgriBot

AgriBot is an AI-powered chatbot designed to assist Indian farmers with personalized agricultural advice.

Key Functionalities:

- Provides multilingual, location-based farming support using Gemini AI.
- Integrates real-time weather and soil data to deliver context-aware responses.

#### Ai-Teligram Bot

A versatile Telegram bot powered by Gemini LLM that provides instant answers on topics like country capitals, medicine info, sports updates, and visual question answering.

Two Major Functionalities:

### INTERESTS

- ★ I am passionate about continuous learning in technology and I actively participate in hackathons to enhance my skills