CHANDIKA PURNA REVANTH

Aspiring AI and Machine Learning Engineer

📞 **+91 6302321665** @ **E-Mail** 🔗 **Linkedin** 🤗 **Hugging Face** 🐙 **Github** 💼 **Portfolio**
📍 **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 hands-on experience acquired through internships and hackathons. My goal is to leverage my technical skills to contribute to impactful projects while continually enhancing my knowledge of evolving technologies

EXPERIENCE

Team Lead
Smart India Hackathon

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

Team Member
HACK $DAY Edition-1

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

Hackathon organized by 0xDay 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

B.Tech
GUDLAVALLERU ENGINEERING COLLEGE

📅 06/2022 06/2026   📍 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 in C language
Jawaharlal Nehru National Youth Center Issued Sep 2022
Skills: C (Programming Language)

Certification in Python
Cisco Networking Academy, Issued Jul 2023
Skills: Python(Programming Language)

ML0101EN: Machine Learning with Python
IBM iX, Issued May 2024
Skills: Machine Learning

CS109x: Introduction to Data Science with Python
HarvardX, Issued May2024
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   XAMPP   Streamlit
Visual Studio Code   Java   C Language
SQLite   Machine Learning   OOP   SQL

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-Telegram 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.

INTERESTS

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