

CHANDIKA PURNA REVANTH



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Objective

I want to achieve impactful innovations by leveraging my skills in AI, machine learning, and software development. My goal is to contribute to projects that address real-world challenges and drive technological progress across industries. I am passionate about continuous learning, staying updated with emerging technologies, and applying my knowledge to create efficient and scalable solutions. Through hands-on experience in web development, hackathons, and practical projects, I aim to refine my problem-solving abilities and enhance my technical expertise.

Education

2026

GUDLAVALLERU ENGINEERING COLLEGE

Btech, Artificial Intelligence & Machine Learning Machine Learning

CGPA: 7.91

2022

PAVITHRA CO-OPERATIVE JUNIOR COLLEGE

MPC(93.2%)

2020

NELLORE'S RAVINDHRA BARATHI

SSC(100%)

Technical Skills

- Programming Languages: Python, C
- Web Development: HTML, CSS, Bootstrap, PHP
- Databases: MySQL, SQLite3
- Frameworks & Tools: Flask, XAMPP, Render.com
- Version Control: Git, GitHub
- Other Tools: OpenAI API, VS Code

Experience

Smart India Hackathon

Team Lead

48hr Hackathon held at Rammiah university, Bangalore Organised by Ministry of Education's Innovation Cell (MoE) & All India Council of Technical Education (AICTE)

HACK \$DAY Edition-1

Team Member

participated in 48hr HACK \$DAY Edition-1 organised by 0xDay with collaboration with Pivot held at Sri Manakula Vinayagar Engineering College, Puducherry, Tamil Nadu

Artificial Intelligence Medical Engineering Society(AIMERS)

Interenship (May 2024 – June 2024)

- Worked on AI tools such as Visual Question Answering, Object Detection, and explored Hugging Face and Roboflow for model development and deployment.
- Gained practical experience in AI model development and image-based feature extraction.

Edunet Foundation

Interenship (Nov 2024 - Dec 2024)

- Developed an NLP-based chatbot using Python and Streamlit for the interface.
 - Focused on enhancing chatbot capabilities with natural language processing to improve user interaction.
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Projects

HydroHub – Hackathon Project (2024)

- Developed a website using HTML, CSS, PHP, and MySQL for water-related topics. Implemented login, registration, and password update features.
- Configured backend with database connectivity, error handling, and loading animations.

Street Light Controller for MSMEs – Hardware Project (2024)

- Designed an automatic street light controller using LDRs and relays to switch lights based on ambient light, reducing electricity consumption.
- Created a low-cost, simplified circuit to enhance reliability and reduce component usage.

Online Election System – Web Development Project (2023)

- Designed and developed an online election system using HTML, CSS, JavaScript, and Python.
- Created a secure, user-friendly interface for voting and integrated database management for accurate results.
- Implemented features to ensure transparency and accessibility for users.

NLP Chatbot – AI Project (2024)

- Developed an NLP chatbot using Python and Streamlit to handle user queries effectively.
 - Focused on building conversational flows and integrating real-time responses.
 - Enhanced the chatbot with machine learning models for better accuracy
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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: A Practical Introduction

IBM iX Issued May2024

- Skills: Machine Learning

Python and Flask Framework Complete Course

Udemy Issued Aug2024

- Skills: Flask(Python Framework)

Language

English

Hindi

Telugu

Expertise

- Python

Reference



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<https://github.com/Revanth1310>