ESANTH PATHAK

CONTACT

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EDUCATION

2022-2026
MALLA REDDY ENGINEERING COLLEGE

- BTech- Computer Science and Engineering (AIML)

2020-2021
KENDRIYA VIDYALAYA KARWAR

- 12th Standard (PCM)

SKILLS

- Programming Languages: Python, C, HTML, CSS, SQL
- Libraries/Frameworks: Scikit-learn, Pandas, NumPy
- Tools: Tableau, Figma, GitHub, VS Code, WordPress

SOFT SKILLS

- Communication
- Problem-Solving
- Team Collaboration
- Analytical Thinking

CERTIFICATIONS

- Tata Group - Data Visualization: Empowering Business with Effective Insights Job Simulation (Forage)
- Tableau for Beginners (Analytics Vidhya)
- React JS- Complete Guide for Frontend Web Development (Udemy)
- Deloitte Australia - Data Analytics Job Simulation (Forage)

PROFILE SUMMARY

Motivated Computer Science undergraduate specializing in AI and Machine Learning. Passionate about applying a proactive and innovative mindset to solve real-world problems and dedicated to building user-centric solutions. Eager to apply strong analytical thinking and problem-solving skills to a fast-paced environment.

PROJECTS

Lung Cancer Prediction System

- A GUI-based Python application built using Tkinter that allows users to predict the stages of lung cancer from medical images using Convolutional Neural Network (CNN)

ExplainFlow

- An AI-powered tool that helps users visualize their explanations as flowcharts, receive feedback, and get AI-powered suggestions for improvement. It is designed for students, educators, and interviewees to make their thinking visible and structured

Code-to-Play

- An AI-powered web platform that generates and runs 2D games from natural language prompts, enabling anyone to create and play games without coding. The application is made using React (Next.js), Gemini API, and Phaser.js

INTERNSHIPS

Nobel Learning PBC
Intern

- Gaining experience in web design with WordPress while developing core digital and professional skills through a project-based program.

ACHIEVEMENTS AND EXTRACURRICULARS

- **In Top 10 :** National Level Hackathon conducted in BVRIT on 3rd April 2025 (Code-to-Play)
- **Executive Board Member :** T.E.A.M (Technical Excellence in AI & ML)
- **Music Club Coordinator :** Students Association Council, MREC (2023-24)
- **Coordinator & Volunteer :** College Tech Expo (VISHESH 2024)
- **Event Coordinator :** Techno-cultural Fest (Akshara 2024)
- **Coordinator :** Street Cause MREC