

# Pasham Raghavendra Reddy

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## EDUCATION

**Nalla Narasimha Reddy Group of Institutions**

*Bachelor of Technology in Computer Science Engineering*

Hyderabad, Telangana, India

Nov 2022 – April 2026

**Narayana Junior College-Ecil**

*MPC*

Hyderabad, Telangana, India

June. 2020 – Apr 2022

## PROFESSIONAL SUMMARY

- **Final-year CSE student at NNRG** with expertise in **Machine Learning, AI, and Data Science**. Skilled in **ML, RAG, MERN stack, Flask, API development, and Cloud (Docker, Oracle Cloud)**. Developed projects like an **Ai-Powered Legal Assistant** and a **Mental Health Check-in platform; AI Hack Day Finalist** with a passion for building impactful, data-driven solutions.

## PROJECTS

**Ai powered Legal Assistant-Legal-Shayak** | *Python, GPT-3, BERT, , Bhashini API* Jun-2025 – Present

- \* Developing a cutting-edge, full-stack legal assistant using Python, Flask(backend API), and React (frontend).
- \* Incorporating advanced NLP and Machine Learning models (including BERT and GPT-3) for document analysis and query resolution.
- \* Integrating the Bhashini API to enable multilingual support for legal documentation and queries, enhancing accessibility.

**Mind-well** | *Web Application, Full-stack, Meditation Guides, Mood Tracking* Jan 2024 – Feb 2024

- \* Developed a comprehensive platform providing resources like meditation guides, mood tracking, and stress assessment.
- \* Focused on creating an intuitive user-interface and personalized wellness activities for mental health support.

**Rubics-Cube Simulator** | *Python, Flask, React.js, 3D Simulation* Jul 2023 – Nov 2023

- \* Engineered a 3D Rubik's Cube simulator using Python for the core simulation logic.
- \* Utilized Flask to create a seamless integration layer between the backend Python logic and the frontend.
- \* Developed a good user-interface for interactive simulation using React.js.

**Earth-Quake Prediction** | *Machine Learning, Python, Flask, React, Live Site* Mar 2024 – May 2024

- \* Designed and implemented an ML model to predict seismic activity, focusing on improving prediction accuracy.
- \* Built a full-stack web application for visualization and user interaction, serving the ML model predictions via an API.

## CERTIFICATIONS & ACHIEVEMENTS

**Certifications:** MERN-Stack (Tutoredude), Data Science Professional Certificate (Oracle), Azure Data Analytics (Currently Pursuing)

**Awards/Activities:** AI-Hack-Day Finalist (Conducted by Viswam.ai)

## TECHNICAL SKILLS

**Programming:** Python, JavaScript, HTML/CSS, SQL, C,Go

**Frameworks/Libraries:** React.js, Flask, pandas, NumPy, Node.js

**AI/ML Technologies:** Machine Learning, Deep Learning, NLP, BERT, GPT-3

**Tools & Platforms:** Git, Docker, Google Cloud Platform, Azure Data Analytics, Postman, VS Code