PATLOLLA SAMATHA

GENERATIVE AI

CONTACT

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📍 Hyderabad, Telangana

EDUCATION

2024–2027
BIRLA INSTITUE OF TECHNOLOGY AND SCIENCE
- Bachelor of Science

2024–2028
NXTWAVE INSTITUTE OF ADVANCED TECHNOLOGIES
- Computer Science Program in Data Science and Machine Learning

SKILLS

- HTML, CSS
- JavaScript
- Python
- MERN
- GEN AI and ML/DL basics
- AI Automation
- Prompt Engineering

AI TOOLS :
- LLM's
- Voice, Video and Image Generation Tools

INTERESTS

- Hackathons
- AI & Emerging Tech
- Problem Solver
- Journaling & Self-Reflection

PROFILE

Enthusiastic GenAI practitioner skilled in creating AI-driven content workflows for text, voice, visuals, and video. Experienced in designing high-quality prompts to generate engaging scripts, characters, and educational content tailored for children. Proficient with tools like ChatGPT, Prompt Engineering workflows, Canva, and AI image/video generators to support creative storytelling and production teams. Passionate about building innovative friendly digital experiences using modern AI technologies.

WORK EXPERIENCE

Social Impact Club
Operational Head
- Led a team to design and execute projects focused on social awareness of the trust named "Arunodaya".
- Strengthened leadership qualities, communication, and project management skills.

PROJECTS

Spotify Clone (REACT)
- Developed a fully functional music streaming platform replicating key Spotify features like playlists, search, music player controls, and user authentication.
- Enabled search functionality with fuzzy matching for songs, artists, and albums.
Refer : https://github.com/SamathaReddy-Web/Spotify

Gen AI Medical Bot (Generative AI)
- Designed and deployed an AI-powered medical assistant that analyzes patient intake data and provides structured health insights.
- Integrated Generative AI (LLMs), LangChain, and Hugging Face APIs for intelligent responses.
Refer : https://health-bot-ai.streamlit.app/

Interview Prep AI (MERN Stack + GenAI)
- Developed Interview Prep AI, a tool that generates personalized interview questions along with high-quality answers and clear explanations using advanced prompt engineering and NLP techniques. Designed prompt template that ensures clarity.
Refer : https://mern-project-4-oqa5.onrender.com/

LINKS

🔗 www.linkedin.com/in/patlolla-samatha

🔗 https://github.com/SamathaReddy-Web?tab=repositories