



PATLOLLA SAMATHA

FULL STACK DEVELOPER

CONTACT

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- Hyderabad, Telangana

EDUCATION

2024-2027

**BIRLA INSTITUTE 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
- SQL
- GEN AI

LANGUAGES

- English
- Telugu

INTERESTS

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

PROFILE

Enthusiastic Full Stack Developer in building scalable web applications and AI-driven solutions. Adept at both frontend and backend development using modern technologies such as MERN stack, JavaScript, and Gen AI frameworks. Strong leadership and organizational skills developed while serving as the Operational Head of a Social Impact Club, driving initiatives that created meaningful change. Passionate about solving real-world problems through technology and continuous learning.

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 (LangChain)

- 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.

■ Note-Making App (MERN Stack)

- Developed a productivity tool allowing users to create, edit, and organize notes efficiently.
- Implemented cloud storage, and responsive UI for better user experience.

Refer : <https://mern-project-4-oqa5.onrender.com/>

LINKS

- www.linkedin.com/in/patlolla-samatha
- <https://github.com/SamathaReddy-Web?tab=repositories>