

# Mythri Prasanna Paluri

## Full Stack Web Developer

@mythrip737@gmail.com

+916281004052

LinkedIn

GitHub

India

## SUMMARY

I am a passionate Full-Stack Developer with experience in building modern web applications using JavaScript frameworks. I focus on writing clean, scalable code and creating user-friendly experiences.

## EDUCATION

### Bachelor of Technology in Computer Science

9.26

Vignan's Institute of Information Technology

October 2022 - April 2026

Visakhapatnam

## EXPERIENCE

### Software Developer Intern

nDmatrix

March 2026 - May 2026

Hyderabad

- Developed a full-stack Online Question Bank (OQB) platform using React Native, Expo Router, FastAPI, and MySQL.
- Integrated RESTful APIs for tests, attempts, bookmarks, tab-switch tracking, and result analytics with dynamic frontend state management.
- Built responsive and interactive exam interfaces including instructions, question palette, submit workflow, hints, bookmarks, and result dashboards.
- Collaborated on debugging, API integration, UI optimization, and feature enhancements using Git-based version control workflows.

## PROJECTS

### Sonara

React Native, Expo, TypeScript, Expo Audio, Node.js, Express.js, yt-dlp, FlashList, AsyncStorage

<https://github.com/Mythripaluri/sonara/releases/tag/v1.0.0>

Built a music streaming app with dynamic search, animated player UI, queue management, playlist support  
Developed a custom audio streaming backend using Express.js and yt-dlp for resolving and streaming music  
Implemented features like offline caching, lyrics sync, and optimized playback performance

### FitLens

Python, JavaScript, Vite, Flask, MediaPipe, OpenCV, NumPy, Pyglet, gTTS

<https://github.com/Mythripaluri/Fitness.git>

Developed a fitness assistant that uses MediaPipe and OpenCV to analyze exercise form in real time.  
Integrated voice feedback using gTTS and Pyglet for interactive guidance.  
Implemented a Flask backend with a Vite + JavaScript frontend.

### RAG Chatbot

FastAPI, Streamlit, LangChain, ChromaDB, Ollama, Sentence Transformers, Python

<https://github.com/Mythripaluri/rag-chatbot.git>

Developed an AI-powered document assistant using FastAPI, Streamlit, ChromaDB, and local LLMs for PDF question answering.  
Built an end-to-end RAG pipeline with document ingestion, embedding generation, semantic retrieval, and context-aware response generation.  
Implemented real-time streaming responses, source citations, document summarization, and support for uploaded documents.  
Evaluated and benchmarked multiple LLMs (Phi-3, TinyLlama, Mistral, Llama 3) to analyze quality, latency, and retrieval effectiveness.

## SKILLS

HTML

CSS

JavaScript

React

Next.js

Node.js

Express

MongoDB

Git

TypeScript

Github

Postman

SQL

MySQL

Python

C++

C

Java

TailwindCSS

React Native