

PRINCE THUMMAR

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PROFESSIONAL SUMMARY

AI & Gen AI Developer with hands-on experience building LLM-powered applications using LangChain, FastAPI and Python. Skilled in machine learning, NLP, and end-to-end data solutions. Passionate about building intelligent systems that solve real-world problems.

EXPERIENCE

Gen AI Intern | XcelCode (Remote) | September 2025 – March 2026

- Built end-to-end **RAG pipelines** using **LangChain, LangGraph, and ChromaDB** to power intelligent chatbots with multi-step conversational workflows
- Developed and deployed REST APIs using **FastAPI** to serve AI models in production-ready environments
- Integrated **LLMs with custom vector knowledge bases**, improving document retrieval accuracy through efficient embedding and search strategies

KEY PROJECTS [🔗 GitHub Portfolio](#)

DocuChat: AI-Powered Document Assistant

[August, 2025]

- Built an **AI-powered document assistant** using **Python, Streamlit, and GROQ API** supporting PDF, DOCX, and TXT files
- Engineered a dual-mode RAG system — local document analysis and **LLM-enhanced** Q&A using LangChain
- Deployed live with interactive Streamlit UI enabling real-time document querying
- [🔗 Live Demo](#)

ExpenseTracker MCP Server

[March, 2026]

- Built a **fully local MCP server** using **FastMCP** that enables natural language expense tracking through any MCP-compatible AI client (Claude, Cursor, Gemini CLI)
- Implemented **5 MCP tools** — add, list, edit, delete, and summarize expenses — backed by **SQLite** with zero cloud dependencies
- Designed dynamic category management via live JSON resource, allowing real-time updates without server restart

Movie Recommendation System [🔗 Live Demo](#)

[October, 2024]

- Built a content-based recommendation system using **Python** and **machine learning** techniques
- Utilized **NLP** with **NLTK** and **Cosine Similarity** to analyze movie metadata for accurate suggestions.
- Integrated TMDb dataset to display movie posters alongside recommendations.

EDUCATION

GTU – Government Engineering College, Rajkot

Bachelor of Engineering in Computer Engineering (Currently Pursuing)

Expected Graduation: May 2027

GSEB/M N J Patel High School, HSC (88.62 pr)

March 2023

GSEB/M N J Patel High School, SSC (97.67 pr)

May 2021

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, C
- **AI & Gen AI:** LangChain, LangGraph, FastMCP, GROQ API, ChromaDB, LangSmith
- **ML & Data:** Scikit-learn, Pandas, NumPy, NLTK
- **Visualization:** Matplotlib, Seaborn, Power BI
- **Tools & DBs:** Jupyter Notebook, VS Code, Google Colab, Git, GitHub, MySQL
- **Frameworks & APIs:** FastAPI, Streamlit

OTHER

Certifications

- IBM Data Fundamentals [Dec, 2024], Data Analysis With Python- [IBM] [Dec, 2024], GUVI Generative AI [Oct, 2024], POSTMAN api [Dec, 2024]

Awards

Earned a Google Cloud Skill Boost award, receiving exclusive swag for demonstrating proficiency in cloud technologies.