

Shashin R

Full Stack Developer

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LinkedIn | GitHub

Education

Bachelor of Engineering Computer Science And Engineering with Data Science

RMK College of Engineering And
Technology Puduvoyal, Thiruvallur

2023-2027(Present)
CGPA: 7.56

Higher Secondary School (PCM with CS)

March 2023 Christ Church Anglo Indian
Higher Secondary School, Chennai
Percentage: 82.33%

Skills

Languages: Java, Python, JavaScript

Web Technologies: HTML, CSS,
React.js, Node.js

Databases: MongoDB, MySQL

Concepts & Tools: Full-Stack

Development, AI Integration, LLMs,
Retrieval-Augmented Generation
(RAG), Machine Learning, Project
Management, Communication Skills ,
HuggingFace (Basic),VS Code,
Microsoft Word, Microsoft Excel

ACHIEVEMENTS

- **Poster Presentation Participant, AIRSS
IIT MADRAS**
- Hackathon Participant, HackOxday
- Hackathon Participant, HackHub 2025
by Hackfinitly

About Me

Dynamic and aspiring **Full Stack Developer** specializing in **GenAI-driven** applications. Proficient in the **MERN stack** and **Python**, with hands-on internship experience at Sinthan AI Academy implementing features using **LLMs** and **Retrieval-Augmented Generation (RAG)**. A proactive problem-solver with strong **project management skills**, eager to build innovative and functional solutions.

Experience

FULL STACK GEN AI INTERN | Sinthan AI Academy - Chennai, India | June 2025-July 2025

- Developed full-stack, Generative AI applications by implementing advanced features with LLMs, fine-tuning, and Retrieval-Augmented Generation (RAG).
- Integrated AI models with front-end and back-end APIs and contributed to the development cycle through extensive code reviews.

AI/ML INTERNSHIP | Corizo | January 2024-March 2024

- Acquired foundational knowledge of core machine learning models and algorithms.
- Gained hands-on experience by applying theoretical concepts to practical datasets and projects.

PROJECTS

NoteFlow | September 2025 - October 2025

- Engineered an intelligent PDF chat tool with a robust **FastAPI backend to handle file uploads, processing, and real-time conversations**.
- Implemented a **dual-LLM architecture**, utilizing the **All-MiniLM** model for text embeddings and the **Mistral model** to power the conversational interface.
- Integrated **MongoDB** to store uploaded documents, manage vector embeddings, and maintain persistent user chat histories.

Course Recommendation Platform | January 2025-March 2025

- Designed and built an **AI-powered online platform** to provide users with **personalized course recommendations**.
- Implemented a key feature allowing students to **connect with tutors** for peer-to-peer knowledge sharing and support.

InvestIQ | November 2024-December 2024

- Developed a **full-stack financial advisory platform** to provide users with personalized recommendations for loans, insurance, and investments.
- Integrated **Generative AI models** to power the recommendation engine, significantly improving financial decision-making and user engagement.

CERTIFICATIONS & COURSES

- Full Stack & GenAI Master Class Course
- MongoDB: Basics for Students, RAG Building, CRUD Operations, AI-Powered Vector Search
- AI & ML Online Course Completion