Shashin R

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Summary

Computer Science undergraduate with hands-on experience in Full Stack GenAI, agentic workflows (LangGraph), and predictive modeling (XGBoost). Skilled in building high-performance RAG pipelines, RESTful APIs using FastAPI and Node.js, and optimizing data analytics systems. Seeking a Software Engineering or GenAI/Full Stack Developer role to deliver scalable, production-grade applications.

Skills

Languages Java, Python, JavaScript
Development & Tools: React, Node.js, HTML5, CSS, Tailwind CSS, GitHub, LangGraph, LangChain.
Databases: MongoDB, SQL(MySQL)

Experience

Ford Motor Private Limited **June 2026 – July 2026**
Ford Global Technology & Business Center, Chennai

- Developed Agentic AI applications using **LangGraph and FordLLM** for S4 insights from BigQuery, Participated in Ford Solutions Hackathon as a NA Sales team member.
- Developed Forecast Model for FDAF using **XGBoost and LightGBM** with the help of Past data and also done **retrodiction** for those data and improved the accuracy by **94%** and reduced the **MAPE from 24.93% to 2.93%**

Full Stack GenAI Intern **June 2025 – July 2025**
Sinthan AI Academy, Chennai

- Developed full-stack Generative AI applications using LLMs, fine-tuning techniques and RAG pipelines
- Integrated AI models with frontend and backend APIs, optimizing system performance and reducing API response latency by 15-20%

Projects

DealerPulse - Sales AI Platform | *Python, FastAPI, LangGraph, Bigquery, GCP, Phoenix Observability*

- Built an LLM-powered S4 sales-insights feature turning field managers' natural-language questions into governed analytics, cutting latency 43% and cost 50% via prefetched queries and reasoning-effort tuning.
- Added on-demand PDF reporting with one-click download and cached cloud delivery, so repeat requests serve from storage instead of re-running the full data-to-PDF pipeline.

NoteFlow – Intelligent RAG Application | *LangGraph, React.js,Openrouter, Huggingface, MongoDB*

- Architected a FastAPI backend implementing a RAG pipeline with all-MiniLM-L6-v2 embeddings and nemotron-3-super-120b, achieving 80% semantic relevance in evaluation tests.
- Designed MongoDB schema for document storage, vector indexing, and persistent chat history, improving retrieval efficiency by 30%.

InvestIQ - Financial Advisory Site | *HTML, CSS, React.js, Node.js, Express.js, MongoDB*

- Developed a MERN-based financial advisory platform with RESTful APIs and MongoDB, delivering personalized loan and insurance recommendations.
- Integrated Apache-licensed Generative AI models, improving recommendation accuracy by 75% on validation inputs.

Roles & Certifications

- **ServiceNow Certified System Administrator & Certified Application Developer**
- **Full Stack & Generative AI Master Class**
- **Corizo AI & ML :** Supervised Unsupervised Learning
- **Vice Treasurer, CSI Student Chapter(2025-2026)**
- **Student Coordinator, Technical Symposium in College**

Education

B.E. Computer Science and Engineering **Expected Graduation: 2027**
R.M.K. College of Engineering and Technology, Puduvoyal *CGPA: 7.46*