SRIRAM S M

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Salem, Tamil Nadu 📍

EDUCATION

B.E (CSE)

Dhirajlal Gandhi College Of Technology

2019 - 2023
CGPA - 8.32

HSC

Meenampark Matric Hr Sec School

2019
Percentage - 80%

SSLC

Meenampark Matric Hr Sec School

2017
Percentage - 90%

TECHNICAL SKILLS

- Python
- Generative AI, Agentic AI, RAG
- Prompt Engineering
- LLM Models
- Machine Learning
- ChromaDB, FAISS, Embeddings
- CrewAI, LangChain
- SQL, Neo4j

CERTIFICATIONS

- **Microsoft Certified: Azure AI Engineer Associate (AI-102)** - Focused on AI solution design, machine learning workflows, and responsible AI concepts.
- Internal Certifications in Generative AI,Python – Enterprise training covering Generative AI fundamentals, prompt engineering and Python-based AI development.
- AI Hackathon Participant - Built and prototyped Generative AI solutions within a time-bound hackathon environment.

LANGUAGE

- English
- Tamil

PROFESSIONAL SUMMARY

Generative AI Developer with 2 years of industry experience designing and building end-to-end GenAI and machine learning solutions. Hands-on experience in developing agentic AI workflows with RAG-based contextual reasoning for enterprise use cases. Proven ability to translate business requirements into scalable AI PoCs and well-structured solution architectures.

PROFESSIONAL EXPERIENCE

Generative AI Developer
Tata Consultancy Services | May 2024 – Present

- Designed and developed Generative AI PoCs addressing enterprise use cases with clear workflows and maintainable architectures.
- Implemented agentic AI workflows for task orchestration, contextual analysis, and response generation in decision-support scenarios.
- Integrated RAG-based retrieval using embeddings and vector databases to enable accurate, context-aware LLM responses.
- Optimized LLM prompting strategies to reduce hallucinations and align outputs with business requirements.
- Designed AI solution architectures for on-premise and enterprise-constrained environments with a focus on data privacy and cost efficiency.

KEY PROJECTS

Agentic AI Orchestration – Incident to Resolution Automation
- Designed an end-to-end multi-agent AI system to automate incident handling from detection to resolution.
- Built agents for orchestration, ticketing, analysis, and remediation with RAG-based contextual reasoning.
- Integrated ITSM workflows and automated remediation within an enterprise GenAI PoC.

Network & Infrastructure Anomaly Detection System
- Evaluated rule-based, unsupervised, hybrid, and supervised ML approaches for anomaly detection.
- Implemented Isolation Forest and KNN; finalized XGBoost based on performance and stability.

AWARDS & RECOGNITION

- **Young Intrapreneur Award** – Recognized for outstanding contribution and innovation.
- Certificate of Appreciation – Acknowledged for consistent performance and commitment.