Athvaith K

Agentic AI Developer

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SUMMARY

AI Agent Engineer specializing in multi-agent systems, RAG implementations, and MCP integrations. Expert in building sophisticated AI agent systems with LangGraph orchestration, context management, and intelligent automation. Proven track record of delivering production-ready AI solutions.

WORK EXPERIENCE

Data Engineer - Tresa Motors   Feb 2024 - May 2025
– Built a robust telemetry system in trucks using CAN, Fastapi.
– Developed a real-time analytics platform with EMQX, Kafka, InfluxDB, and Grafana.

Data Engineer - Inkers.ai   Jun 2023 - Jan 2024
– Automated data collection with Fastapi + ROS and Dockerized workflows, reducing manual effort and setup time by approximately 60
– Automated the process of Mesh alignment using point cloud registration algorithms resulting in reducing manual interventions by 80

ML/AI Engineer - Blueoptima   Apr 2023 - Jan 2024
– Built file type identification models to classify programming languages from raw code content.
– Developed Grafana dashboards and PostgreSQL-backed visualizations to drive data- informed decisions.

FEATURED PROJECTS

PA Agent - Personal AI Assistant System   Live Demo   GitHub
AI-powered personal assistant with LangGraph, multi-tool integration, Gmail API, and RAG system with ChromaDB for intelligent context retrieval.

Multi-Agent Researcher - Research System   Live Demo   GitHub
Advanced multi-agent AI system with intelligent task delegation, context isolation, and Tavily Search integration for parallel research execution.

AI Script Writer - Screenplay Generator   Live Demo   GitHub
Script writing application with LangGraph and Gemini AI, featuring human-in-the-loop workflow and type-safe architecture with SQLAlchemy and Pydantic.

EDUCATION

2018 - 2022   Bachelor's Degree at **SASTRA DEEMED UNIVERSITY**   (CGPA: 8.3/10.0)

TECHNICAL SKILLS

AI/Agent Development	LangGraph,RAG, MCP Integration,Agentic Workflows
ML/AI	PyTorch, MLFlow, NumPy, Pandas
Programming	Python, SQL, FastAPI, Docker, AWS, Grafana