

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 2022 - Jan 2023

- 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