

Aykhan Nuri

AI Engineer | LLM Applications,
Agentic Systems, RAG &
Python Backend

Contact

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

Skills

Programming Languages:

Python, TypeScript, JavaScript, SQL, C++

Backend & API Development:

FastAPI, REST APIs, Async Python, background jobs, microservices, API integrations, webhooks, authentication, streaming responses

Databases & Caching:

PostgreSQL, SQL Server, Redis, Qdrant, vector databases, semantic search

AI & Machine Learning:

Prompt engineering, tool/function calling, agent orchestration, RAG pipelines, query rewriting, reranking, LLM evaluation

Frameworks & Libraries:

LangChain, LangGraph, Pandas, NumPy, Node.js, React, React Native, .NET

DevOps & Infrastructure:

Docker, Docker Compose, Linux, GitHub Actions, CI/CD basics, deployment configuration, logging & monitoring

Tools & Platforms:

Git, GitHub, OpenAI Platform, Firebase, n8n, Postman, Cursor/Codex

System Design & Engineering:

Scalable backend design, async workflows, caching, logging & monitoring, error handling, fallback logic, retry/rate-limit handling, automation workflows

Core Computer Science:

Software Engineering: Data structures, algorithms, clean code, testing

About me

AI Engineer with a strong Python backend background, focused on building production-ready LLM applications, RAG pipelines, and agentic systems. Experienced with FastAPI, OpenAI APIs, embeddings, vector stores, async workflows, caching, and external API integrations. I design and deploy AI-powered systems that handle automation, information retrieval, and business workflows with clean APIs, reliable architecture, logging, and performance-focused engineering.

Education

B.Sc. Computer Science

2019 - 2024

University of Missouri - Kansas City

Experience

AI Engineer

September 2025 - Present

Veyselglu LLC - Baku, Azerbaijan

Designing and developing AI-powered multi-agent systems that handle task automation and information retrieval.

AI Developer Intern

June 2024 - July 2024

"Araz" Supermarkets Chain - Baku, Azerbaijan

Developed an AI-powered Customer Service Chatbot for a retail chain, combining dataset-based Q&A with GPT fallback, vector embeddings for improved accuracy, and automated dataset updates

Backend Developer

May 2023 - May 2024

Cerner Corporation - Kansas City, Missouri, USA

Designed and optimized scalable backend systems for healthcare applications, integrating EHR data and improving performance, reliability, and overall system efficiency in a high-traffic enterprise environment.

Research Assistant

January 2022 - April 2023

UMKC School of Science and Engineering - Kansas City, Missouri, USA

Developed computer programs to extract data from a computer and build knowledge graphs for an ongoing research project sponsored by the National Science

Language

- Azerbaijani (Native)
- English (C1)
- Turkish (C1)