

# Nik Adzic

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GitHub | LinkedIn

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## Summary

Senior AI Engineer building production-grade agentic systems, RAG pipelines, and fine-tuned inference infrastructure. Focused on deployable LLM applications, vector search, and scalable backend systems for financial and data-intensive use cases.

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## Projects

**Agentic Hedge Fund (LangGraph, RAG, FastAPI) | GitHub Repo** 2026

- Built multi-agent equity analysis system spanning fundamental, technical, sentiment, and valuation workflows
- Designed LangGraph-based orchestration with classification, routing, tool-calling, and feedback loops
- Implemented RAG pipeline for structured financial retrieval using LlamaIndex and vector search (Qdrant)
- Integrated market and macro APIs; deployed backend with FastAPI, Docker, and GCP Cloud Run

**Fine-Tuning & Inference for Financial LLM Systems | GitHub Repo** 2026

- Fine-tuned reranker models for finance-specific retrieval and ranking tasks
- Built generative fine-tuning workflow for Qwen using Unsloth / HuggingFace
- Evaluated adapter-based models for inference quality, cost, and serving efficiency
- Deployed GPU inference with vLLM, optimizing throughput and latency

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## Experience

**Founder / AI Engineer – Exta Labs** 2025 – Present

- Designing and building production-grade AI systems across RAG, agent orchestration, and LLM inference
- Developing financial AI tooling, including multi-agent equity research and analysis workflows
- Implementing fine-tuning, evaluation, and deployment pipelines for domain-specific models

**Founder – Perfekt** 2021 – 2025

- Built and scaled wellness platform with 140,000+ products sold
- Led product, engineering, and full-stack platform development across e-commerce, logistics, analytics, and operations

**Senior Software Engineer – Whoosh** 2021 – 2026

- Built production systems for vertical SaaS platform serving 400+ golf clubs
- Developed scalable React and GraphQL applications supporting bookings, operations, and staff workflows

**Tech Lead – Zerogrocery (Bay Area / Remote)** 2020 – 2021

- Led team of 7 engineers building logistics and delivery platform
- Scaled company from 4 to 100 employees and designed backend/data systems for real-time delivery operations

**Senior Software Engineer – Garten (YC16)** 2018 – 2020

- Built internal and customer-facing applications during scale-up from 50 to 450 employees

**Senior Software Engineer – Cherrydeck** 2017 – 2018

- Led frontend delivery of marketplace MVP, launched in 2 months and onboarded thousands of users

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## Skills

**AI Systems:** Agentic Workflows, RAG, LangGraph, LangChain, Vector Search, Reranking, Fine-Tuning

**Evaluation:** DeepEval (RAG, E2E testing)

**Observability:** Langfuse

**Backend:** Python, FastAPI, Node.js

**Infrastructure:** Docker, GCP Cloud Run, AWS, Supabase, Runpod

**Data / Frontend:** React, GraphQL, Jotai, PostgreSQL, Data Pipelines

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## Education

**University of Ljubljana** — M.S. and B.S. in Computer and Information Science