Mohamad Liyaghi

Software Engineer, AI

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SUMMARY

Software engineer with five years of Python, mostly backend, full-stack when the work needs it. I work at Zebracat, an AI video generation company, and write most weeks on Medium about AI engineering: how RAG, prompts, evaluation and model choice hold up in production.

EXPERIENCE

Software Engineer, AI

SEP 2024 – PRESENT · REMOTE

Zebracat · AI video generation platform

- Ship product features end to end, from backend services to the web app people use every day.
- Turn new AI capabilities into features that survive contact with real users.
- Look after the boring half of the job: reliability, clear interfaces, and code the next person can change.

Full-Stack Developer

JUN 2021 – SEP 2024 · REMOTE

Freelance · SaaS and consumer web products

- Took client products from an empty repo to production: data model, API, interface, deploy. Then stayed on for support.
- Owned the parts a client can't easily check themselves: authentication, access control, and how their data is stored.
- Handed over with monitoring and tests already in place, so the next developer didn't start blind.

Django · DRF · FastAPI · React · PostgreSQL · Docker · Nginx

SELECTED OPEN SOURCE

230 stars across 24 public repositories · github.com/mohamad-liyaghi

FoodAnywhere 40 stars — Food delivery: nearby restaurants and orders through the kitchen. PostGIS search, Celery for slow work, tracing end to end.

Fast Commerce 22 stars — Async store API built for throughput, with clean boundaries, background jobs, and tests that block a bad deploy.

AcademyMaster 21 stars — Courses, enrolments and roles for a teaching academy, with scheduled jobs.

Tsuna 16 stars — Video and music streaming, with heavy processing kept off the request path.

Telegram to Rubika 14 stars — Go tool that moves files up to 2 GB between the two platforms directly, saving VPN bandwidth.

FastQuora 11 stars — Questions and answers, with Elasticsearch on the search path and tracing through the cache.

SKILLS

LANGUAGES	Python, Go, TypeScript, SQL, Bash
BACKEND	Django, Django REST Framework, FastAPI, Celery, asyncio, REST, WebSockets
AI	LLM APIs, structured output, tool calling, RAG, vector search, evaluation
DATA	PostgreSQL (incl. PostGIS), Redis, Elasticsearch, MongoDB
FRONTEND	React, TypeScript, Tailwind CSS
INFRASTRUCTURE	Docker, Kubernetes, GitHub Actions, AWS, Nginx
RELIABILITY	OpenTelemetry, Prometheus, Grafana, Sentry, Pytest

WRITING

An AI engineering series on Medium, new posts most weeks. Recent: Stop Treating RAG and AI Agents Like Magic (Nov 2026), Stop Treating Prompt Engineering Like Guesswork (Nov 2026), Stop Choosing LLMs by Leaderboard Scores (Nov 2026). Archive: medium.com/@el_mohamad

EDUCATION & LANGUAGES

EDUCATION	B.Sc. Computer Science
LANGUAGES	Persian — native · English — professional working proficiency