Nastaran Mehri

AI BACKEND DEVELOPER

PYTHON · FASTAPI · DJANGO · RAG · LLMS

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I'm an AI Backend Developer who builds systems powered by large language models (LLMs) with Python, Django, and FastAPI.

I'm a curious and motivated person who strives to learn quickly and feels a strong commitment to the responsibilities I take on. When I face a topic I don't know enough about, I don't shy away from learning it; I research it to gain the knowledge I need and complete the work on time and to the expected quality.

It's important to me to stay up to date and keep learning and developing my skills. I also welcome working alongside capable, experienced people who can help me grow. When I'm given a responsibility, I get deeply involved in it, pay close attention to the details, and do my best to achieve the desired result.

EXPERIENCE

Mercor — **AI Training & Evaluation (Contract)** 2026

Remote

- Designed adversarial prompts and tasks that make frontier LLMs fail on web search, multi-step reasoning, and edge cases where they are confidently wrong.
- Wrote verified golden answers and single-answer rubrics so every model failure is reproducible and objectively scorable.

PROJECTS

Provisio — **Subscriptions with automated payment and provisioning** Personal project · 2026

Python · FastAPI · PostgreSQL · SQLAlchemy · Next.js · aiogram · Docker

Built solo, end to end: customers buy through a website or a Telegram bot, pay online, and get their VPN account created automatically.

- **Payment-safe:** database-enforced idempotency and explicit state machines, so a retry or duplicate callback never creates a second order or payment.
- **Resilient:** background workers with row locking, stale-claim recovery, and exponential-backoff retries.
- **Decoupled integrations:** the payment gateway and VPN panel sit behind ports and adapters, so either provider can be swapped without touching the business logic.
- **Production-ready:** JWT refresh-token rotation in HttpOnly cookies, fail-fast configuration checks, and a fully Dockerized deployment.

TECHNICAL SKILLS

Languages	Python, TypeScript, SQL
Backend	FastAPI, Django, SQLAlchemy/Alembic, async Python, REST API design
AI / LLM	RAG, multi-provider LLMs with fallback, prompt engineering, adversarial LLM evaluation
Data & DevOps	PostgreSQL, Redis, Docker, Docker Compose, Git, pytest, Ruff
Frontend	Next.js, React, Tailwind CSS

EDUCATION

B.Sc. in Computer Science — University of Guilan 2020 – 2024

Iran