Danil Miftakhov

AI / LLM Integration Developer

Yerevan, Armenia · Open to remote work and relocation

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GitHub · LinkedIn · Telegram

PROFILE

Python developer focused on LLM API integrations, validated structured outputs and MCP tooling. Commercial Python, data-automation and API experience since 2022; implemented a two-pass geospatial-name translation workflow. Personal projects demonstrate user-confirmed ticket routing and bounded agent execution.

CORE SKILLS

LLM integration	LLM APIs · OpenRouter · JSON Schema · Pydantic
Agent tooling	MCP stdio · Codex CLI · OpenCode · Structured results
Python / Data	FastAPI · asyncio · PostgreSQL · SQLAlchemy
Reliability	Retries · Timeouts · pytest · Docker · GitHub Actions

PROFESSIONAL EXPERIENCE

Software Engineer · Maxim Technology

February 2022 – Present · Remote

- Implemented a two-pass geospatial-name translation workflow: rules agreed with translators, initial LLM translation, second-pass review and conditional revision.
- Develop and maintain Python/SQL workflows for address and geospatial data normalization, enrichment, bulk imports and exports in PostgreSQL/PostGIS.
- Refactored geocoding integrations with concurrent requests, retries, API-quota handling and explicit error processing.
- Investigate data-quality and SQL performance issues using database queries, execution plans and application logs; document technical findings.

EDUCATION

Kazan Federal University · Applied Mathematics and Computer Science · 2021–2026 · Completed

LANGUAGES

Russian — Native · English — B1

CLIENT WORK

Freelance Python Developer

Project-based engagements · Since approximately 2020

- Delivered supplier-to-Ozon stock synchronization: transformed inventory data and integrated the marketplace workflow with Python.
- Built CSV/Excel/JSON processing utilities and browser/API automation; packaged selected solutions for Docker/Linux.
- Developed Telegram interfaces for controlling server utilities, changing settings and inspecting logs.

SELECTED ENGINEERING PROJECTS

Support Assistant · Source

FastAPI · OpenRouter · JSON Schema · Pydantic · Redis · Vue 3

An IT-ticket demonstration under development. An LLM proposes a department; the user confirms or changes it before description generation. Schema validation, retries, timeouts and shared quotas control the external integration. Ports isolate the model provider from application logic.

Codex Free Worker MCP · Source

Python · MCP stdio · OpenCode · Codex CLI · Structured results

A local bridge for bounded development tasks. OpenCode or a child Codex CLI inspects command output and returns compact structured results. Result contracts and permission handoff support diagnostics and mechanical fixes without moving architecture decisions to the worker.

Portfolio Deployment · Source

Python · GitHub Actions · Docker Compose · Caddy · SQLite

A Python deployment platform with application manifests, signed-release verification and a GitHub Actions delivery workflow. Docker Compose and Caddy handle runtime and routing; readiness checks, journaling and scoped recovery make application changes explicit and verifiable.

Codex Development Standards · Source

Agent Skills · Git · CI · Validation workflows

Reusable instructions and stack profiles for AI-assisted development: scoped context, consistent Git workflows, targeted validation and reviewable changes. Applied across portfolio repositories to keep project conventions and checks consistent.