

Moroz Fedor

Software Engineer | AI, Mobile & Full-Stack Systems [Open for Internships](#)

morozfedor.dev@gmail.com | +60 (16) 275-4670 | Remote | [linkedin.com/in/moroz-fedor](#) | [github.com/Prostotatik](#)

Summary

AI-focused Software Engineer delivering LLM-powered products end-to-end across backend, mobile, and web. Recently architected an LLM-driven automation platform (Next.js, PostgreSQL + Prisma) that engages, negotiates, and closes partnership agreements with inbound leads end-to-end, and integrated a Vision LLM and a Text LLM into a cross-platform Flutter app for real-time AI classification. Equally proficient in backend engineering (Django, FastAPI, 50+ REST endpoints) and DevOps / infrastructure (Docker, CI/CD, Kubernetes, zero-downtime deployments, 99.8% uptime). Adapts quickly to whatever stack a project requires, consistently shipping production-grade software.

Experience

AI Applied PM Jul 2026 – Aug 2026
RAI|I|RO — Responsibly Applied AI and Robotics • Remote

- Joined RAAIRO — a Swiss non-profit building AI-driven language education for underserved communities — as an AI/automation developer, designing and shipping the first working version of RAAIRO ACADEMY, the platform powering partner-academy outreach and onboarding
- Built the full-stack platform on Next.js 15 (App Router), TypeScript, React Server Components, PostgreSQL + Prisma, and Tailwind CSS
- Engineered a pluggable LLM reply engine (OpenAI / Google AI) that engages inbound partner replies, negotiates terms, schedules calls, and closes partnership agreements with instant account provisioning
- Automated an inbox-polling pipeline for hands-free lead handling; built a modular, self-contained architecture (Docker Compose, offline-testable via a deterministic LLM mock layer) for other developers/AI agents to extend independently

DevOps & Backend Engineer Oct 2025 – Aug 2026
ZeroOne • Remote

- Built a proprietary in-house Affiliate CRM & Tracker from scratch — offer/partner management, real-time conversion analytics dashboard, and an S2S postback API — replacing third-party SaaS tools and eliminating recurring licensing costs
- Engineered end-to-end attribution infrastructure for digital advertising campaigns using Facebook CAPI and S2S postbacks across affiliate networks (CPA, CPL, RevShare), with deduplication, retries, and fallback routing
- Automated the full domain lifecycle (procurement → Cloudflare DNS → SSL → production) for hundreds of advertising domains via Python scripts and REST APIs — cutting manual setup time by 90%
- Ensured high availability under heavy ad traffic with automated backups and failover for tracking data; designed campaign routing rules in Keitaro

Lead Backend & DevOps Engineer Oct 2024 – Oct 2025
MyProfi • Remote

- Led backend and DevOps as lead engineer alongside frontend developers — designed and built all server-side infrastructure, API, database architecture, CI/CD pipelines, and monitoring from scratch
- Developed a Django + DRF backend with 50+ production REST API endpoints and 15+ relational models, orchestrated as a 10+ service containerized stack (Docker, PostgreSQL, Redis, Nginx, Prometheus, Grafana, Loki)
- Built an AI-powered job-matching engine (embeddings-based semantic search over resumes and job postings) for candidate/vacancy recommendations
- Built GitHub Actions CI/CD pipelines with automated testing and zero-downtime deploys — cut release time from 30 min to 5 min; achieved 99.8% uptime with health checks and auto-recovery
- Reduced API latency by 40% via PostgreSQL query optimization and Redis caching; integrated Payme payment processing and configured Nginx (SSL) + Let's Encrypt

Projects

KitaKitar — AI Recycling Platform — Top 3 Prize

2026 • APU 3rd Sustainability Hackathon • [github.com/Prostotatik/kitakitar_APU](#)
Cross-platform Flutter recycling app (iOS / Android / Web) with a Firebase backend, integrating Vision and Text LLMs for real-time waste classification and an AI recycling assistant, ESP32-CAM smart-bin integration, gamified rewards, and Google Maps center discovery.

NEFF — AI Consensus Verification Platform — Top 10 Prize

2026 • MUBA Blockchain Hackathon • [github.com/Prostotatik/NEFF](#)
AI fact-checker measuring how many independent voices back a multi-LLM consensus (Kish effective sample size + blind mirror-probe test). Built with Next.js/React/TypeScript on Gonka Network inference.

CloudForge — Security&Optimization CRM — Top 10 Finalist

ImagineHack 2026 (HILTI Track) • [github.com/Prostotatik/CloudForge](#)
AI cloud-governance agent that fuses security risk, carbon footprint, and cost waste into one prioritized index. Built with Next.js/TypeScript, a Docker/Prometheus telemetry pipeline, and an OpenAI-powered copilot that stages human-approved Terraform fixes.

ShieldGate — AI Governance Platform — Top 10 Finalist

2026 • Hack Attack 3.0 • [github.com/ShawnLYZ/ShieldGate](#)
Enterprise AI-governance system pairing a Chrome extension with a FastAPI backend and Next.js dashboard to intercept risky AI-chat prompts in real time, redact sensitive data, and log a tamper-evident audit trail, with approval workflows and a decision registry for AI-assisted decisions.

Education

Asia Pacific University (APU/APIIT)

BSc (Hons) Software Engineering

De Montfort University

BSc (Hons) Software Engineering

Dual Award with APU

Skills

Languages

Python Kotlin SQL Bash TypeScript JavaScript Dart

AI / ML & Tools

OpenAI Google Gemini LLM Integration Prompt Engineering scikit-learn pandas NumPy Roboflow joblib Git

Backend

Django DRF FastAPI Celery SQLAlchemy Pydantic REST API WebSockets JWT / OAuth2 Unicorn Pytest SQLite Django Channels SSE

Mobile

Kotlin Jetpack Compose Android SDK Flutter Dart Firebase FlutterFire React Native Android Studio Google Maps

Frontend

Next.js React Vue.js TypeScript Tailwind CSS Vite Framer Motion Zustand Emotion Chart.js Axios i18next ESLint

DevOps & Infrastructure

Docker Docker Compose Kubernetes CI/CD GitHub Actions GitLab CI Terraform Ansible Nginx Linux Let's Encrypt GitHub PowerShell

Cloud & Monitoring

AWS GCP Cloudflare Prometheus Grafana Loki Promtail

Databases

PostgreSQL MySQL Redis Prisma

Kotlin & JVM

Kotlin Java Ktor Spring Boot Coroutines Gradle JUnit

Bots & Integrations

aiogram python-telegram-bot WhatsApp Business API Keitaro CRM Bank API

Engineering Practices

System Design Microservices Agile / Scrum Code Review Unit Testing Performance Optimization Technical Documentation

Soft Skills

Team Leadership Teamwork Cross-functional Collaboration Communication Problem Solving Critical Thinking Decision Making Ownership Initiative Adaptability Time Management Attention to Detail Stakeholder Management Conflict Resolution Mentoring Interpersonal Skills Work Ethic Multitasking

Links

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