MAXIM MAKOVSKIY

Integration & AI Solutions Engineer | Full-Stack

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PROFILE

Full-stack engineer with 3+ years of building and running production systems: connecting platforms through APIs and webhooks, putting AI workflows into real use, and administering Linux and cloud infrastructure (AWS, Azure). Built and launched an internal knowledge platform now used daily by ~50 instructors. Former IDF Technology Unit systems technician; immigrated to Israel at 16 and served as a lone soldier. Works directly with non-technical stakeholders in Hebrew, English and Russian.

PROFESSIONAL EXPERIENCE

IT Operations Specialist | Bartali – Youth in Movement

2026 – Present

- Designed, built and launched from scratch the organization's instructor training platform (guide.bartali.org.il), adopted by ~50 instructors within two months of launch.
- Backend in Python/FastAPI with SQLite; PostgreSQL knowledge base with row-level security (RLS) access rules, KB schema and catalog; content pipeline that links every item back to its source document.
- Mobile-first installable web app (HTML, CSS, JavaScript; Hebrew RTL) with Cmd+K search, Library / Safety / Quality Control sections, in-app issue reporting and multiple content editors.
- Own the v2.0 roadmap with management and instructors: offline access, news feed, in-platform document forwarding with notifications, and AI-generated training sessions built from the library.
- Own the organization's digital services: the WordPress website (bartali.org.il), email newsletters, and the SaaS tools and accounts staff rely on day to day.

Independent Full-Stack Developer – AI Integration | Storely

2024 – Present

- Building Storely (askstorely.com), an AI customer-support platform integrating Shopify, Instagram and WhatsApp through REST APIs, OAuth and webhooks.
- Designed AI workflows (OpenAI API) for order and inventory inquiries, customer verification, and handoff to human support agents.

Full-Stack Developer | Finvibe

2023 – 2025

- Sole developer of an end-to-end investment platform serving 250+ users, including 25 active investors, with payment processing.
- Automated support and transaction coordination with a Python Telegram bot.
- Built investor analytics and an administrative dashboard for platform operations.

Systems Technician | IDF Technology Unit

2022 – 2025

- Administered Linux server infrastructure in AWS and Azure environments as part of a 12-person technical team.
- Automated routine tasks with Python, PowerShell and JavaScript, reducing manual work by 40%.
- Implemented Grafana monitoring and managed SQL databases supporting 500+ users.

SKILLS & LANGUAGES

Integrations & AI: REST APIs, Webhooks, OAuth, OpenAI API, Shopify / WhatsApp / Instagram APIs, Telegram bots
Backend & Data: Python, FastAPI, Node.js, Express, PostgreSQL (RLS), SQLite, SQL, Firestore
Frontend: JavaScript, React, Next.js, HTML, CSS, Tailwind CSS, PWA
Infrastructure: Linux, AWS, Azure, Docker, Grafana, Bash, PowerShell
Languages: Hebrew (native-level), English (professional), Russian and Ukrainian (native)

EDUCATION

Full-Stack Web Development – Professional IT School; Python Programming Course — 2023 – 2024
High School Diploma – Software Engineering major (5 units) — 2019 – 2022