

Oleksandr Korol

Software Engineer — Fullstack, Infrastructure & Automation

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PROFESSIONAL SUMMARY

Software engineer delivering product-focused systems end to end: Python APIs, React interfaces, third-party integrations, workflow automation, and production infrastructure across Linux, Docker, and virtual machines. Adaptable and accountable, with a track record of taking robust solutions from initial design through deployment and operation.

TECHNICAL SKILLS

Backend: Python, Django, DRF, FastAPI, Celery, Pydantic, WebSockets

Frontend: JS, TypeScript, React, Redux, RTK Query, HTML, CSS

Data and infrastructure: PostgreSQL, Redis, MySQL, Docker, Linux, Virtual Machines, Nginx, Elasticsearch

Quality and delivery: Unit Testing, Pytest, Playwright, Git, Github Actions, Sentry, Ruff

PROFESSIONAL EXPERIENCE

Fullstack Developer | PLANEKS

11/2023 - Present

Lead the development of scalable web applications across backend services, responsive frontend interfaces, integrations, and production infrastructure.

- Design and implement server-side application logic with Python, Django, Django REST Framework, and FastAPI.
- Build responsive React and TypeScript interfaces and integrate them with backend APIs.
- Deploy and troubleshoot Dockerized services on Linux virtual machines, including reverse proxies, background processing, and production integrations.
- Commercial portfolio: 12 projects across Real Estate, Human Resources, Logistics, Healthcare, Fintech.

Middle Python Developer | COAX Software

06/2022 - 11/2023

Developed backend systems and APIs for commercial products while collaborating with cross-functional teams to deliver secure, maintainable software.

- Implemented backend services and REST APIs using Python, Django REST Framework, and FastAPI.
- Improved application quality through automated testing, code review, performance work, and security practices.
- Integrated databases, queues, cloud services, and external APIs across multiple product domains.
- Commercial portfolio: 4 projects.

Software Engineer | SEBN

02/2020 - 06/2022

Built internal software solutions for automotive manufacturing, logistics, planning, and network operations in close collaboration with business users.

- Investigated production bottlenecks and translated operational requirements into maintainable software solutions.
- Delivered projects from initial concept through implementation, rollout, and user support.
- Automated business workflows and integrated systems used across multiple company departments.
- Commercial portfolio: 7 projects across Manufacturing, Telecom, Logistics.

SELECTED PROJECT EXPERIENCE

Housing booking platform | Real Estate | 05/2026 - Present

Technologies: Django, DRF, React, TypeScript, Redux, Mantine UI, TanStack Router, RTK Query, Celery, Django Channels

Digital staffing platform | Human Resources | 08/2025 - Present

Technologies: Django, DRF, React, TypeScript, Redux, Mantine UI, RTK Query, Celery, Django Channels, WebSockets

Gate access integration service | Logistics | 06/2025 - 03/2026

Technologies: Django, DRF, Celery, Caddy, Redis, PostgreSQL, Sentry, Docker, XML

ExactOnline custom API integration | Logistics | 05/2025 - 06/2026

Technologies: Django, DRF, React, Redux, Mantine UI, i18next, Github Actions, R2 Storage, Pydantic, Celery

Logistics insight platform | Logistics | 12/2024 - Present

Technologies: Django, DRF, React, React Router, Redux, Mantine UI, i18next, R2 Storage, Github Actions, Celery

ADDITIONAL INFORMATION

Languages: English B2, German A2, Ukrainian C2

Industry domains: Healthcare, Fintech, E-commerce, Automotive, Manufacturing, Logistics, Telecom, Real Estate, Human Resources