

DENYS KIREV

Full-Stack Developer · AI-augmented workflows

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Rijeka, Croatia (GMT+1)

Ukrainian national · valid work permit (Croatia)

Languages: English (B2), Croatian (actively learning), Ukrainian (Native)

SUMMARY

AI-focused full-stack developer who builds web admin, SaaS, dashboards, and 3D/WebGL products. Over 2 years owning a production SaaS (OrchestrAI); 4+ years in outsourcing across delivery, fintech, and cybersecurity. Strong in React, TypeScript, Node.js, PostgreSQL, Python, and LLM workflows — from greenfield builds to legacy evolution, with a track record of improving performance on data-heavy products.

Domains: AI-based SaaS, Cybersecurity, E-commerce, Enterprise SaaS, Logistics & Delivery, Data Visualization, Real-Time, Admin/CMS, Building & 3D (Web)

EXPERIENCE

OrchestrAI / Adminly — Product company

Founder & Lead Software Engineer · Jan 2024 – Present · Remote, Croatia

AI SaaS: Instagram DMs → structured orders for e-commerce and creator-commerce teams. Full-stack ownership.

- Multi-tenant monorepo (Turborepo, Next.js), Clerk, LLM extraction pipelines, Instagram OAuth/webhooks
- Admin workflows (React, Redux Toolkit, Ant Design); Prisma, PostgreSQL, Stripe, Docker, CI/CD, Sentry, PostHog

Technologies: React, Next.js, TypeScript, Node.js, Turborepo, Prisma, PostgreSQL, Clerk, Stripe, Redux Toolkit, Tailwind, Zod, Docker, WebSockets, LLM APIs

DataArt — Outsourcing

Senior Software Developer · Nov 2020 – Feb 2025 (4 yr 4 mo) · On-site, Ukraine → Remote, Croatia

4 clients — quick-commerce, Americas delivery (greenfield), US fintech analytics. React, TypeScript, Node.js BFF, Python (FastAPI).

Delivery mobile platform — legacy in-house CMS (catalog, profiles, availability, warehouse management)

- React/Redux evolution, API design, component library improvements

Comexpress (*Delivery platform*) — greenfield

- Node.js BFF, microservices, shipment admin UI, WebSockets, Azure AD, Storybook

Bluefoot — US fintech analytics

- Greenfield React; FastAPI + BFF; AI-assisted data parsing; D3.js
- Improved API latency through profiling and optimization; contributed to frontend technical interviews

Technologies: React, Next.js, TypeScript, Node.js, Python, FastAPI, Redux Toolkit, RTK Query, D3.js, Storybook, Ant Design, AWS, Azure AD, WebSockets, Jest

FS Group — Product company

Software Developer · May 2018 – Nov 2020 (2 yr 7 mo) · On-site, Ukraine · Cybersecurity

React admin UIs → full-stack with Python (Flask), ~1 year; threat intel and monitoring products.

- Dashboards, operational workflows, Flask APIs; component library and architecture input with client teams

Technologies: React, TypeScript, Python, Flask, Redux, REST, SCSS

Uni Agency (Unilimes) — Outsourcing

Software Developer · Junior → Middle · May 2017 – May 2018 (1 yr 1 mo) · On-site, Ukraine · 3D / digital

Worked on interactive 3D and VR desktop web and mobile apps using Three.js, WebGL, and React. Contributed to both legacy systems and greenfield modules.

Technologies: JavaScript, React, Three.js, WebGL, Canvas, HTML, CSS

Team Challenge — Volunteer

Volunteer Mentor · Frontend · Project Manager · Mar 2025 – Present · Remote · Volunteer

Ukrainian IT community platform — cross-functional pet projects for junior/trainee developers.

- **Mentor (general)** — guide cross-functional teams (architecture, code review, delivery practices, career path)
- **Online store** (e-commerce) — team mentor, hands-on **frontend** (React/TypeScript), and **project manager** (scope, priorities, coordination)

Technologies: React, TypeScript, Next.js, project management, code review, team mentoring

KEY ACHIEVEMENTS

- **Team Challenge** (teamchallenge.io) — volunteer mentor (general); on **Online store** team also frontend & project manager (Mar 2025 – Present)
- **OrchestrAI** — founded & shipped production AI SaaS (Instagram DMs → structured orders)
- **LinkedIn** — 3.6k+ followers, 5 technical articles; high-engagement posts on multimodal AI architecture, AI-assisted development, e-commerce + AI (linkedin.com/in/denys-kirev)
- **DataArt** — frontend technical interviews; mentorship in Agile delivery

PUBLICATIONS & CONTENT

LinkedIn (top by engagement):

- **The Dark Side of Next.js: When It's Not Right for Your Project** — Pulse article · 29 reactions · 15 comments
- **Frontend news roundup — React 19, Next.js 15, Node 22 (UA)** — 212 reactions · 8 comments · 18.8k discovery

- [Next.js v15.5 release — changelog & Turbopack \(UA\)](#) — 100 reactions · 9 comments · 6.7k discovery
- [AI Toolbox for Front-End — V0, Cursor, WebLLM & more \(UA\)](#) — 57 reactions · 13 comments · 33 saves · 4k discovery
- All posts — [linkedin.com/in/denys-kirev/recent-activity/all/](https://www.linkedin.com/in/denys-kirev/recent-activity/all/)

Blog: [Code Loom](#) — architecture, full-stack, AI-augmented delivery · [CV](#)

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

AI: [Prompt Engineering: Techniques and Construing](#) — Coursera · Apr 2025

Full-stack & frontend: [MERN Stack Front to Back \(React, Redux, Node.js\)](#) — Udemy · Oct 2019 · [React + Redux — Professional Development](#) — Udemy · May 2019

Backend & infra: [REST APIs with Flask and Python](#) — Udemy · Jan 2019 · [Docker](#) — Udemy (DataArt) · [Kubernetes](#) — Udemy (DataArt)

EDUCATION

Professional Front-End Developer Program (certification pending) — [Algebra Bernays University](#), Zagreb, Croatia · Nov 2025 – Jun 2026

M.Sc., Fire Security — [Academy of Fire Safety named after Chernobyl Heroes](#), Cherkasy, Ukraine · Aug 2007 – Jun 2012

Web Development (completed; certificate not issued) — [Computer Academy STEP](#), Odesa, Ukraine · Sep 2013 – Sep 2014

SKILLS

Backend: Node.js, Express, Python (FastAPI, Flask), REST, GraphQL, auth/API integrations

Frontend: React, Next.js, TypeScript, Redux Toolkit, RTK Query, Vue, Three.js, D3.js, Socket.IO

AI: LLM integrations, AI-assisted workflows, structured-output pipelines

AI dev: AI pair-programming (Cursor, Claude Code, ChatGPT) — codegen, refactors, reviews, docs, test scaffolding

Infra: PostgreSQL, MongoDB, Prisma, Docker, AWS, CI/CD, Linux, Nginx

Tools: Jest, React Testing Library, Git, Jira, Postman

Currently learning: LLM hardening, SaaS infra/DevOps, delivery automation