

Pavlo Boyko

Senior Software Engineer / Full-Stack Web Developer

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PROFESSIONAL SUMMARY

14+ years of experience building full-stack product systems where user experience, business logic, APIs, data flows, integrations, and operational workflows need to fit together into clear, maintainable software. Strongest in frontend-heavy product engineering with TypeScript, React, and Node.js, while keeping practical backend/API ownership across Laravel, NestJS, and smaller Node.js services. Focused on readable code, reliable delivery, and production-oriented product evolution.

CORE SKILLS

Languages: TypeScript, JavaScript, Python, PHP

Backend: Node.js, NestJS, Laravel

Data & APIs: PostgreSQL, SQL, GraphQL, REST, Redis, RabbitMQ

Frontend: React, Vue, D3.js, Three.js

Infrastructure: Linux, Kubernetes, Docker, Cloudflare, AWS

PROFESSIONAL EXPERIENCE

Veracity / VeraViews — Full-Stack Software Engineer 2022–Present

- Built advertising, analytics, reporting, and media workflow modules for data-heavy product interfaces and production support.
- Created performance-sensitive D3.js visualizations, including animated Sankey-style diagrams, real-time redraws, and dynamically scaled reporting views.
- Compared React-driven rendering with D3-based geometry/rendering and selected the faster, more reliable approach for production UI flows.
- Structured TypeScript frontend modules around domain boundaries, reusable components, REST/GraphQL APIs, third-party integrations, and maintainable delivery.

DreamHost — Full-Stack Software Engineer / Project-based B2B Contractor 2022–Present

- Modernized core domain registration and lifecycle systems, migrating from legacy architecture to a React and API-driven stack.
- Rebuilt portfolio-scale domain management workflows across search, filtering, pagination, state-aware actions, and operational UI flows.
- Engineered bulk domain-management workflows: 846 domains completed in under a minute vs. legacy 50-domain cap (~8 minutes).
- Worked across registration, contact validation, renewal/autorenewal flows, registrar integrations, and production support for domain lifecycle operations.

R&D / PERSONAL PROJECT — AI ENGINEERING WORKFLOWS

Synapse — personal R&D project for AI-assisted engineering workflows around structured agent tasks, verification checklists, local/deployment tooling, and project governance for a TypeScript/Node.js web platform.

ENGINEERING CAREER BACKGROUND, 2006–2022

ukr.net — Full-Stack JavaScript Developer

IFS, Ltd — Full-Stack Web Developer

Independent Web Developer

Early commercial infrastructure — Payment-terminal network and PrivatBank acquiring context

Delivered production web systems, internal tools, payment-adjacent workflows, standalone applications, and early entrepreneurial payment-terminal network operations with PrivatBank acquiring context.

EDUCATION

Kharkiv National University of Radioelectronics — Software Engineering, Computer Sciences, 2002–2006

Bakhmut Technical College of Railway Transport — Automated Systems Design and Maintenance, 1998–2002



LINKEDIN