

Kateryna Stetsenko

Full-stack developer

Contact Information	E-mail: kateystetsenko@gmail.com https://www.linkedin.com/in/kateryna-stetsenko-72311b251/
Summary of Qualifications	I have more than 3 years of expertise as a dedicated and proficient full-stack developer, contributing to the complete software development life cycle. In addition to strong frontend experience (React, Next.js, React Native), I also work with backend technologies, including Python, Django, FastAPI, Celery, Redis, and PostgreSQL, focusing on building scalable APIs, database design, and system optimization. I write clean and readable code with OOP principles, perform refactoring, create documentation, write unit tests, and conduct code reviews. I enjoy both team and individual work, especially in open and communicative environments. My key strengths include responsibility, perseverance, attention to detail, problem-solving, and a passion for learning new technologies.
Experience	Horilla Project Description: Open-source international HRMS and ERP platform for enterprise operations. Involvement Duration: 11 months Project Role: Full-stack Developer Responsibilities & Achievements : ▪ Optimized performance by up to 85% (from 30s to 4s) on main pages and 50% on secondary views by splitting monolithic queries into asynchronous HTMX requests and client-side filtering. ▪ Designed Django polymorphic models to create a non-duplicating DB architecture for complex HRMS entities, simplifying migrations and structure. ▪ Developed dynamic UI components using Alpine.js/HTMX and created automated unit tests to increase test coverage. Project Team Size: 2-3 members Tools & Technologies: Python, Django, PostgreSQL, Docker, Valkey, JavaScript, HTMX, DigitalOcean, Alpine js, SMTP server. Ctrl.ai Project Description: Fleet and driver management platform with real-time operational tracking. Involvement Duration: 6 months Project Role: Full-stack Developer Responsibilities & Achievements : ▪ Built Celery/Redis task queues for heavy asynchronous background processing and scheduling workflows. ▪ Implemented real-time data fetching and state management using GraphQL and Redux Toolkit, reducing API payload sizes. ▪ Optimized PostgreSQL database models, wrote schema migrations, and built automated deployment scripts. Project Team Size: 4–6 members Tools & Technologies: React, TypeScript, Redux, Python, Django, PostgreSQL, Redis, Docker, Celery, GraphQL. Pikt – AI website builder Project Description: The web platform featuring AI-driven website creation, integrated e-commerce solutions. Built end-to-end functionality enabling users to launch professional websites with intelligent design generation, payment processing. Involvement Duration: 9 months Project Role: Front-End Developer

Responsibilities & Achievements :	- Engineered server-side rendered (SSR) and statically generated (SSG) web pages using Next.js, drastically improving initial load time and SEO discoverability. - Monitored and enhanced web vitals through Google Lighthouse, implementing code splitting, image optimization, and bundle size auditing. - Developed component architecture for intelligent layout generation, linking user inputs directly to automated e-commerce payment flows.
Project Team Size:	9-10 members
Tools& Technologies:	Next.js, TypeScript, Redux, Google Lighthouse.
AI-Powered Website Creation Ecosystem	
Project Description:	The web platform for designers, proposing logo design competitions, works directly with clients and designers to create the best logo designs. Many designers can participate in a competition, so the customer will receive 200+ designs for their brand.
Involvement Duration:	16 months
Project Role:	Front-end Developer
Responsibilities & Achievements :	- Implemented bidirectional, real-time communication for live design contests and chat features using WebSockets. - Secured user authentication and access control policies across web and desktop platforms using Auth0 protocols. - Integrated Stripe API for secure, multi-party marketplace payment processing, handling refunds, payouts, and automated invoicing. - Boosted generated static page performance from 60-75 to 90+ on Google Lighthouse by eliminating React hooks overhead, refactoring dynamic components into lightweight Vanilla JS, and optimizing Next.js static HTML outputs.
Project Team Size:	3-5 team members
Tools & Technologies:	Next.JS, React.JS, Electron, TypeScript, Tailwind, Axios, Redux, Formik, WebSocket, Redis, Auth0, Stripe.
Certifications	AI Agentic Engineer (2026)
	Architecture of high loads (2026)
	Python Pro (2025)
Education	Master's degree Kharkiv National University of Radio Electronics Faculty of Computerized and Robotic Systems Graduated in 2025
	Bachelor's Degree Kharkiv National University of Radio Electronics Faculty of Automation, Computer-Integrated Technologies and Robotics Graduated in 2024