FILIPP KOTENKO

Full-stack developer, **6+ years** experience

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ABOUT

Full-stack web developer with **6 years** of experience building scalable web applications for companies and startups. Experienced in full development cycles, working independently or as a **tech lead** for **1 year**, as well as in small teams—covering everything from gathering product owner requirements to establishing fully automated release processes with high test coverage, analytics, and CI/CD. Passionate about ML/AI features and always staying up-to-date with the latest developments in this field.

SKILLS

Front-End: React TypeScript Redux Next.js GraphQL   **Programming languages**: JavaScript Typescript C# Python

Back-End: Node.js NestJS FastAPI TypeORM MongoDB PostgreSQL   **Version-control**: GitHub GitLab Git Bitbucket

Test: Jest Cypress Storybook Unit TDD   **Software Principles & Design**:SOLID Design Patterns GRASP

DevOps & CI/CD: Docker Webpack Husky   **Algorithms and data structures**: Implementation and optimization

EXPERIENCE

FAINA: 12/2025 - PRESENT

FAINA | FinTech / Transportation Senior Software Engineer | Developing a high-load online fiscalization system for bus transportation and ticketing.

- Real-time Fiscalization: Architected a fault-tolerant Node.js microservice for real-time bus ticket fiscalization and receipt generation, handling high concurrency.
- System Reliability: Implemented comprehensive monitoring and alerting for the fiscal API, ensuring **99.9%** uptime for business-critical ticketing operations.
- : NestJS, PostgreSQL, Redis, Next.js, Docker, GraphQL,TypeORM, NestJS, OpenAI, VPS, Nginx, PM2, Convex.

JENYCLEAN: 08/2025 - 12/2025 4 MONTHS

JENYCLEAN.COM | Service Marketplace & CRM Senior Software Engineer | Built a custom CRM and booking platform for a cleaning service business to automate operations.

- CRM Development: Engineered a bespoke CRM system from scratch to manage orders, cleaners' schedules, and client databases, reducing manual dispatch time by **40%**.
- Booking Engine: Developed an intuitive frontend booking flow (Next.js) with integrated payments, increasing online conversion rates by **25%**.
- **Technologies**: React, Node.js, TypeORM, Stripe Integration.

TRAVELISH: 03/2025 - 08/2025 5 MONTHS

TICKETS.US / TRAVELISH.COM | Travel Tech Software Engineer | Enhanced core booking functionality for US-based flight aggregation platforms using an AI-driven stack.

- AI-Powered Search: Engineered a smart flight search engine using Convex and OpenAI to provide personalized itinerary suggestions, reducing query response time by **30%**.
- Security & Visualization: Integrated Clerk for secure authentication and Arcjet for advanced bot protection, while implementing Mapbox for interactive flight route visualization.
- **Technologies**: TypeScript, Next.js, Convex, OpenAI, Clerk, Arcjet, Mapbox.

LANP: 10/2023 - 03/2025 1.6 YEAR

- **Marketplace** & RBAC: Created a secure marketplace for 3 types of users, 5,000+ users, admin errors **-70%**, **0** security breaches.
- Performance & SEO: Optimized loading +30%, Lighthouse **+25%**, SEO improved, organic traffic **+25%**.
- User Engagement: Multilingual blog and WebSocket chat, sessions **+17%**, engagement **+22%**, **+3** languages.
- Transactions & Trust: Secure authentication, transparent pricing, calendar and returns, failed transactions **-40%**, retention **+15%**.
- **Technologies:** TypeORM/NodeJS/Typescript/Redux/Python/C#/Docker VPS/GraphQL/ React/Git FastAPI/Nginx

FLEX-REALITY: 09/2021 - 09/2023 2.1 YEAR

Poker Club Platform
- Security & RBAC: Developed a platform with **5** roles, DDoS protection, and JWT, **0** incidents.
- Performance: Optimized backend (Redis, TypeORM, PostgreSQL), **+35%** API speed, support for **+1,000** users.
- Mobile & Engagement: C# application for iOS/Android, engagement **+18%**.
- UI & Reliability: SOLID, Mediator Pattern, Storybook testing, UI bugs **-25%**.

VR Educational Platform
- Interactive Learning: VR platform, retention +**22%**.
- Real-Time Updates: JWT + Firebase, message delivery **+99%**.
- Data Optimization: GraphQL/REST/API/Formik, interface acceleration **+30%**.

Technologies: Typescript/TypeORM/Docker/GraphQL/React/JSON/Nest.JS Nginx/PostgreSQL

CONFIDENTIAL – NDA: 05/2020 - 06/2021 1.1 YEAR

- Developed NestJS modules for tax calculation and client contribution benefits, improving calculation accuracy and compliance.
- Added unit and integration tests, increasing predictability of financial calculations by **30%.**
- Optimized real-time transaction distribution, achieving a **40%** increase in processing speed compared to MVP.
- Implemented a revenue classification system with legal compliance, reducing misclassification risks by **25%** and ensuring regulatory alignment.

Technologies: NodeJS/Nest.JS/JSON/Docker/gRPC/Algorithms

FAINA: 12/2025 - PRESENT
JENYCLEAN: 08/2025 - 12/2025 4 MONTHS
TRAVELISH: 03/2025 - 08/2025 5 MONTHS
LANP: 10/2023 - 03/2025 1.6 YEAR
FLEX-REALITY: 09/2021 - 09/2023 2.1 YEAR
CONFIDENTIAL – NDA: 05/2020 - 06/2021 1.1 YEAR

EDUCATION

ACADEMICIAN Y. BUGAY INTERNATIONAL SCIENCE AND TECHNOLOGY UNIVERSITY (ISTU)

Computer Science and Information Technology C# Matlab 3D printing Robots