

Kostiantyn D.

Full Stack Developer

Summary of Qualifications

Full-Stack Developer with 3 years of experience in JavaScript/TypeScript, Node.js, and modern frameworks (Nest.js, Express.js, Next.js, React). Skilled in building scalable web applications, real-time data processing systems, and social networking features for SaaS, FinTech, and e-learning domains. Experienced in API development and integration, microservices architecture, and cloud infrastructure.

Proficient in CI/CD, containerization, and performance optimization for high-load systems. Strong background in database design and security best practices.

Hands-on experience with WebSockets, real-time video conferencing, and data visualization solutions. Adept at agile methodologies, code review, and delivering maintainable, production-ready solutions.

Skills

Programming Languages/Technologies

- Software Architecture Design/UML/ Reverse Engineering
- Technical Documentation/Architecture Reports/Proposals/SRS
- XML/JSON/YAML
- HTML/CSS/Sass
- JavaScript/TypeScript
- NodeJS
- SQL
- WebSocket's

RDBMS

- MySQL
- PostgreSQL

NoSQL

- MongoDB
- Redis

Virtualization Tools

- Docker / Docker Compose
- Kubernetes

Methodologies

- Agile, Scrum, Kanban, Waterfall
- Pair Programming

Operating Systems

- Microsoft Windows
- Various Linux Distributions

CI/CD

- GitHub Actions
- GitLab CI/CD

Frameworks/Libraries

- React.js
- Nest.js
- Next.js
- Express.js
- TypeORM
- Angular
- Prometheus
- Requests
- Fastify
- Prisma
- Mongoose
- Swagger
- Firebase
- Main Node.js libraries

Automation Tools

- N8N

Cloud Providers

- Google Cloud Platform
- AWS
- DigitalOcean

Development Tools

- Visual Studio Code
- WebStorm

Testing Tools

- Postman
- Unittest, Mock
- Sentry
- ViTest

Versions Control

- Git
- GitHub
- GitLab

Experience	
	Smart Lead Generation Platform for Real Estate Professionals
	Project Description: SaaS web platform tailored for real estate professionals to discover and connect with leads efficiently. It leverages integrated data sources and automated outreach tools. As a full-stack developer, I contributed to both front-end and back-end development — focusing on improving user-facing features, enhancing API integrations, and supporting the platform's AWS-based infrastructure.
	Domain: SaaS, Real Estate
	Involvement Duration: 1 year
	Project Role: Full Stack Developer
	Responsibilities: ▪ Back-end and front-end development; ▪ Improving system architecture; ▪ Implementing new features; ▪ Refactoring existing code; ▪ API integrations; ▪ Unit testing; ▪ Code review; ▪ Ensuring scalability and security best practices.
	Project Team Size: 6-8 team members
	Tools & Technologies: TypeScript, Node.js, Nest.js, PostgreSQL, Fastify, Next.js, MUI, GitHub Actions, AWS, Mailgun, Stripe, Mapbox, Tracers
	Crypto Trading Analytics Platform
	Project Description: A comprehensive analytics platform designed to aggregate and visualize a user's trading performance in real-time from multiple cryptocurrency exchanges, including Binance, Bybit, and ICMarkets.
	Domain: FinTech, Cryptocurrency
	Involvement Duration: 0.5 years
	Project Role: Back-End Developer
	Responsibilities: ▪ Engineered the core backend services using Nest.js, creating a scalable and modular architecture to handle high-throughput data processing from various sources; ▪ Developed a sophisticated calculation engine to process raw trade data into key performance indicators (KPIs), such as Profit & Loss (P&L), trading volume, and win/loss ratios; ▪ Established a real-time data pipeline using WebSockets to push processed analytics seamlessly to the Next.js frontend for dynamic chart and table visualization; ▪ Implemented secure and efficient API integrations with third-party exchanges to fetch live trading data; ▪ Designed and structured API endpoints to deliver aggregated and formatted data, optimized for consumption by frontend charting libraries.
	Project Team Size: 4-6 team members
	Tools & Technologies: Nest.js, Next.js, WebSockets, TypeScript, REST APIs, PostgreSQL.
	Community Social Network for E-Learning Platform
	Project Description: A full-featured social networking platform integrated within an online learning environment, designed to foster community engagement, peer-to-peer communication, and student-instructor interaction.

Domain:	E-Learning, Social Networking
Involvement Duration:	1.5 years
Project Role:	Full Stack Developer
Responsibilities:	▪ Full stack development of the platform, responsible for both the RESTful API backend (Express.js) and the responsive, server-rendered user interface (Next.js); ▪ Built core social features including user profiles, posts, comments, and media (photo/video) uploads, ensuring a scalable and maintainable architecture; ▪ Integrated a real-time video conferencing feature, enabling users to initiate one-on-one or group video calls directly within the platform; ▪ Designed and implemented a "Communities" feature allowing users to create private/public groups, manage memberships, and facilitate focused discussions between students and instructors; ▪ Ensured a seamless user experience by managing both frontend state and backend data flow for a cohesive and interactive application.
Project Team Size:	8-10 team members
Tools & Technologies:	Express.js, Next.js, React, Node.js, WebSocket, MongoDB.

Certifications	Node.js Hillel IT school, Odesa	
	Typescript Hillel IT school, Odesa	
	Front-End Pro Hillel IT school, Odesa	
	React Hillel IT school, Odesa	
	Relational Database and Normalization Codefinity	
	Mastering React Codefinity	

Education	Higher National Diploma, Law National University "Odessa Law Academy"
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Languages	English: Fluent Ukrainian: Native Russian: Native
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