UPSTAFF

# Oleg C.
# Architect/Team-lead Senior Full-Stack Engineer, Lead

## SUMMARY

Versatile Full Stack Engineer/Lead with over 6 years of experience, specializing in creating robust web platforms and SaaS applications. Expertise in TypeScript, JavaScript, SQL, and a range of backend technologies including NestJS, Express, and TypeORM. Proficient in database management with Postgres, MySQL, MongoDB, and utilizing Redis and similar key-value stores, Familiar with AWS, GCP, and Azure. Skilled in CI/CD pipelines, Docker, caching, and queuing mechanisms, along with comprehensive testing abilities using Jest and Postman.A strong grasp of software architecture, particularly in microservices and event-driven systems, with a background in developing financial systems, IoT, and productivity tools.

## TECHNICAL SKILLS

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|---|---|
| **Main Technical Skills** | TypeScript (5 yr.), JavaScript (5 yr.), SQL (5 yr.), NestJS (5 yr.), Express (5 yr.) |
| **Programming Languages** | JavaScript (5 yr.), TypeScript (5 yr.) |
| **JavaScript Frameworks** | Backbone.js, Express (5 yr.), NestJS (5 yr.) |
| **AI & Machine Learning** | OpenAI |
| **Databases & Management Systems / ORM** | SQL (5 yr.) |
| **Amazon Web Services** | AWS ELB, AWS SQS |
| **Azure Cloud Services** | Microsoft Azure API |
| **BlockChain and Decentralized Software** | Bitcoin Blockchain |
| **Deployment, CI/CD & Administration** | CD DevOps pipelines (5 yr.) |
| **Platforms** | CRM |
| **Collaboration, Task & Issue Tracking** | Jira (5 yr.) |
| **Methodologies, Paradigms and Patterns** | microservices, SSR |
| **SDK / API and Integrations** | Microsoft Azure API |
| **Message/Queue/Task Brokers** | RabbitMQ |

| Operating Systems | Unix |
|---|---|
| **Mail / Network Protocols / Data transfer** | WebSockets |
| **Other Technical Skills** | Facebook Ads API, Queues, RDS (5 yr.), SSE |

## BIDEL (FIAT EXCHANGE PLATFORM) - FULL-STACK DEVELOPER, TECH LEAD

**Duration:** Dec 2024 – Present

**Technologies:** NestJS, PostgreSQL, RabbitMQ, Redis, AWS, Datadog

**About the project:** Fiat exchange platform with microservice, event-driven architecture.

**Responsibilities:**

- Designed and led development of the platform architecture
- Built modular integrations for KYC, Twilio (SMS and conference calls), payment processing, exchange rate services, and analytics
- Implemented system monitoring, rate limiting, WAF, and Redis-based caching and security layers

## PEERPE (P2P FIAT APPLICATION) - BACKEND TEAM LEAD

**Duration:** Jan 2024 – Oct 2025

**Technologies:** NestJS, PostgreSQL, AWS (ELB, RDS, SQS), Redis

**About the project:** P2P fiat platform enabling peer-to-peer transactions.

**Responsibilities:**

- Led a backend team of three developers to build the platform from scratch
- Designed and implemented the full order lifecycle, including dispute resolution and auto-cancellation logic
- Developed customer support system and real-time chat functionality using WebSockets

## TASKPULSE (TASK MANAGEMENT SYSTEM) - BACK-END DEVELOPER

**Duration:** Mar 2024 – Mar 2025

**Technologies:** NestJS, PostgreSQL, Redis, Azure, OpenAI

**About the project:** Task management and productivity platform with integrated email and AI features.

**Responsibilities:**

- Built the full backend for the platform
- Developed Pomodoro tracker with real-time WebSockets
- Integrated Gmail/Outlook APIs for unified inbox feature
- Implemented database encryption for sensitive data
- Integrated OpenAI with strictly typed responses

## LUMINEX (IOT PROJECTOR MANAGEMENT) - BACKEND TEAM LEAD

**Duration:** Apr 2024 – Jul 2024

**Technologies:** NestJS, MongoDB, PostgreSQL, Redis

**About the project:** IoT-based projector system management platform.

**Responsibilities:**

- Led a backend team of 2–3 developers
- Designed CRM and client application architecture
- Integrated payment systems and implemented subscription and appointment booking workflows

## FIRBO IO (DEVELOPER PRODUCTIVITY ANALYTICS) - BACKEND LEAD

**Duration:** Feb 2023 – Present

**Technologies:** NestJS, PostgreSQL, GCP, Redis

**About the project:** Platform that integrates with developer tools to analyze work evidence, identify outliers, and provide productivity insights.

**Responsibilities:**

- Led backend development and integrations with Jira, Google, GitHub, and Bitbucket
- Managed and processed large datasets for evaluation algorithms
- Implemented daily auto-update tasks and custom SQL queries for analytics charts
- Developed Docker automation scripts and backend obfuscation workflows

## PUZZLEPIZZA (KITCHEN MANAGEMENT SYSTEM) - BACK-END DEVELOPER

**Duration:** May 2022 – Feb 2023

**Technologies:** NestJS, PostgreSQL, AWS, Stripe, Square, Redis, Monorepo

**About the project:** Kitchen management system with mobile and self-terminal backends.

**Responsibilities:**

- Developed database schema and architecture from scratch
- Handled client, admin, and printer services
- Integrated POS terminals and printers
- Integrated Stripe/Square payments and implemented SSR admin panel

## AMRES / NEXTRES (INVESTMENT LENDING PLATFORM) - BACKEND DEVELOPER / TEAM LEAD

**Duration:** Jan 2022 – May 2022

**Technologies:** Node.js, NestJS, Express, Carbone.io, MongoDB, PostgreSQL, AWS

**About the project:** Multi-service investment lending platform.

**Responsibilities:**

- Supported and extended platform functionality

- Developed admin panel for document generation (management, sorting, attribute matrices, template conversion to DOCX/PDF)
- Implemented e-signature service with platform integration, step logs, and email notifications

## FATSTER / NUTRIMIS (SOCIAL FITNESS APP) - BACK-END DEVELOPER

**Duration:** Aug 2021 – Jan 2022

**Technologies:** NestJS, Express, TypeScript, PostgreSQL, WebSockets, AWS

**About the project:** Social fitness app aimed at weight loss.

**Responsibilities:**

- Supported and enhanced backend functionality
- Implemented WebSocket chat server and optimized SQL queries
- Automated build process via Jenkins and improved server architecture
- Added premium features (subscriptions, in-app purchases, user statistics)

## CPAYMENTS (CRYPTOCURRENCY EXCHANGE) - BACK-END DEVELOPER

**Duration:** Apr 2021 – Aug 2021

**Technologies:** NestJS, Express, TypeScript, PostgreSQL, SSE

**About the project:** Upgrade of an existing cryptocurrency exchange platform.

**Responsibilities:**

- Developed Bitcoin buy/sell functionality
- Designed database schema and built client and admin backends
- Implemented callback server and launched Bitcoin node
- Added real-time updates using Server-Sent Events (SSE)

## TRAFFICAPPS (MOBILE APP ADVERTISING PLATFORM) - BACK-END DEVELOPER

**Duration:** Dec 2020 – Aug 2021

**Technologies:** NestJS, Express, TypeScript, MySQL, AWS (EC2, RDS, S3, SES)

**About the project:** Platform for mobile application advertising.

**Responsibilities:**

- Built REST APIs and payment integrations (fiat/crypto)
- Worked with Facebook Ads Manager
- Implemented traffic filtering settings based on various parameters
- Developed SSR admin panel

## TEST ORCHESTRATOR (CI TESTING FRAMEWORK) - BACK-END DEVELOPER

**Duration:** Aug 2020 – Mar 2021

**Technologies:** NestJS, Express, TypeScript, MySQL, AWS (EC2, SES)

**About the project:** Framework for managing unit and UI tests in Continuous Integration (CI).

**Responsibilities:**

- Designed backend architecture and database schema
- Integrated open-source frameworks for virtual device test execution
- Managed backend and frontend deployments