

Oleksii Morozov | Software Engineer

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Summary

Backend-leaning full-stack engineer with 4 years in Node.js, NestJS, and TypeScript. Delivered features and integrations across established codebases — API design, database work, third-party integrations, CI/CD — without the chaos of greenfield from scratch. Prefer teams where architecture exists and the work is about making it better, not inventing it.

Skills

Programming languages: TypeScript, JavaScript

Backend: Node.js (Nest, Express, Fastify, Hono), Drizzle ORM.

Testing: Jest, Vitest, Cypress, Playwright.

Databases: PostgreSQL, MongoDB, MySQL, Redis

Infrastructure: Railway, Vercel, AWS, Docker, Github Actions, Gitlab CI/CD, BetterStack.

Tools: Git, VSCode, Cursor, Claude Code, Codex, Docker, Postman

Languages: Ukrainian - Native (C2), English - Upper-Intermediate (B2)

Professional Experience

Frontend Software Engineer at YachtWay

Sep 2025 – May 2026

Remote - Enterprise yacht marketplace

Owned cross-cutting frontend initiatives on a high-traffic Next.js marketplace, taking platform-wide changes — localization, analytics instrumentation, and performance — from scope to production across a shared, fast-moving codebase. Acted as the team's reference point for i18n and Amplitude questions.

- Applied performance optimizations to a high-traffic production codebase with measurable impact $\approx 32 \rightarrow 68$ lighthouse score on main page.
- **Localized the platform into 5 languages**, with an AI translation pipeline for new i18n keys
- **Integrated Amplitude** (events, session recording); maintained reliability after team changes caused regressions and acted as go-to for instrumentation questions
- Migrated the platform from Next.js 14 to 16, reducing technical debt and unblocking adoption of newer framework capabilities.

Full-stack Software Engineer at Shreddo

Jun 2025 – Sep 2025

Remote - Early-stage booking startup; product discontinued by founders (Sep 2025)

Acted as technical lead for an early-stage booking startup, translating loose founder requirements into specifications, architecture, and a delivery plan for a four-person team (two junior developers and a QA), then drove the day-to-day implementation and architecture calls.

- **Architected a full-stack booking platform** from ambiguous requirements, including database design, system architecture, and security implementation.
- Built backend services with **NestJS and TypeScript**; **set up PostgreSQL (RDS)** as the primary data store with full schema ownership.
- Led technical decision-making and coordinated with the development team on implementation.
- **Designed and deployed AWS infrastructure with CI/CD pipelines** (Fargate, RDS, load balancing).
- Defined technical scope from minimal product requirements, making independent decisions on data model, API design, and infrastructure to keep delivery on track.

Full-stack Software Engineer at RocketDevs

Jan 2023 – Jun 2025

Remote - Outsource agency - 12 client projects

Delivered features and rescued legacy code across 12 client projects at an outsourcing agency, switching between Vue, React, Express, Nest, and Laravel stacks depending on each engagement. Work ranged from greenfield features to untangling and migrating inherited codebases under delivery pressure.

- **Refactored a 6,000-user social platform** from Vue Options API to Composition API, **improved lighthouse score from 60 to 90**
- Implemented AI-powered real estate research using OpenRouter as a unified provider gateway, replacing direct per-provider API calls
- **Restored a production React codebase** from source maps and migrated it from Webpack to Vite, **achieving a 4× build speed improvement**
- Built **custom DB views** wired to Filament models **for complex table filtering**; implemented points-to-rewards exchange logic for an in-store loyalty platform

Education

Lviv Polytechnic National University

2021 - 2025

Bachelor's degree in Software Engineering