



# Alex Hiriavenko

## Fullstack Developer

Full-Stack Developer (Vue.js, NodeJS, NestJS, Laravel, TypeORM, PostgreSQL) with hands-on experience building healthcare digital products for a multi-location medical network: CRM, public website, patient cabinet, online consultations, appointment booking, payments, and Telegram bot workflows.

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### Core Skills

#### Programming Languages

JavaScript, TypeScript, PHP

#### Frontend

Vue 3, Composition API, React, Next.js, Tailwind CSS, Element Plus, PrimeVue, Vuetify, MUI, Vite, Webpack, Gulp

#### Backend

Node.js, Express, NestJS, Laravel, REST API, WebSocket

#### Databases & ORM

PostgreSQL, MySQL, Redis, MongoDB, TypeORM Data Mapper, Eloquent Laravel

#### State & Data Fetching

Pinia, Redux Toolkit, RTK Query

#### Messaging & Real-time

RabbitMQ, WebSocket

#### DevOps & Cloud

Docker, Nginx, AWS S3, GitLab CI/CD

#### Monitoring

Lens, Grafana, Sentry

#### AI-assisted Development

OpenAI Codex, Claude Code, IDE-integrated AI coding agents, AGENTS.md workflows, Code analysis, refactoring, bug fixing, Test generation, AI change review

#### Architecture & Practices

Clean Architecture, SOLID, Performance & Profiling

### Languages

- Ukrainian - native
- English - intermediate (B1)
- Russian - fluent

### Summary

Full-Stack Developer (Vue.js, NodeJS, NestJS, Laravel, TypeORM, PostgreSQL) with hands-on experience building healthcare digital products for a multi-location medical network: CRM, public website, patient cabinet, online consultations, appointment booking, payments, and Telegram bot workflows.

Strong background in scalable APIs, PostgreSQL optimization, high-load interfaces, reusable frontend architecture, and reliable integrations for patient and staff workflows.

Graduate of the IT Generation program by the Ministry of Digital Transformation of Ukraine.

### Achievements

- Improved page load speed by **30-80%** across frontend and backend flows by trimming unnecessary payload data, removing redundant server requests, and optimizing PostgreSQL queries.
- Implemented backend proxy for S3 file delivery - improved security (no direct public links) and reduced frontend integration complexity.
- Delivered a reusable **Task Templates module** for CRM - employees create new tasks faster and with fewer errors, improving overall workflow efficiency.
- Built reusable **Vue composables** and base UI components, including a screenshot upload flow reused in 3 modules (news, comments, tasks) - reduced code duplication and accelerated feature delivery across the project.
- Delivered high-load healthcare CRM modules (approximately 3K users) ensuring stability and performance under peak load.
- Awarded **IT Generation grant**.

### Experience

#### Fullstack Developer

2024 - Present

##### Palmo

- Developed and maintained ON Clinic's patient-facing digital platform, including the public medical website, patient cabinet, CRM modules, Telegram bot, and online appointment and payment workflows for a multi-location healthcare network.
- Optimized PostgreSQL queries and API performance with caching and indexing.
- Enhanced front-end interfaces and introduced reusable hooks/components to accelerate delivery.
- Collaborated in agile teams with analysts, developers, QA, and DevOps, contributing to design.

#### Front End Developer Internship

2023

##### DAN.IT

- Gained hands-on experience working in teams of 3-9 people on full-cycle projects.
- Took the role of team lead in one project, coordinating task distribution and mentoring peers.
- Built a social network project using React, Redux, MUI.

### Additional Experience

#### Web Development Instructor (Logika School)

Taught school-age students web development and frontend fundamentals, explaining HTML, CSS, JavaScript basics, and practical project structure in an accessible way.

#### Purchasing Manager (VHH Group)

Ensured uninterrupted supply of equipment, components, and materials. Conducted market analysis, negotiated and concluded contracts, monitored quality of goods and services.

#### Category Purchasing Manager (LLC "Effect")

Managed procurement in assigned category, negotiated supplier contracts, and improved inventory turnover. Conducted demand forecasting and market trend analysis to increase sales and turnover.

## Courses

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- RS School: Node.js
- Palmo: Vue, Laravel
- DAN.IT: React
- RS School: JavaScript
- EPAM: Frontend self-paced program

## Certificates

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Certificate portfolio

## Education

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### Higher Education: Processing Equipment Engineer

Donetsk National University of Economics and Trade  
Specialist Degree

### Role Keywords

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Fullstack Developer, Full-Stack Developer, Vue.js, Vue 3, Node.js, NestJS, Laravel, TypeScript, JavaScript, PHP, PostgreSQL, TypeORM, REST API, CRM, Healthcare CRM, Performance Optimization, Database Optimization, Docker, AWS S3, AI-assisted Development