

# Volodymyr Maltsev

SENIOR FULL-STACK DEVELOPER

## Details

Mykolayiv

Ukraine

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## Core Skills

Frontend: React

Frontend: Next.js

Frontend: Tailwind

Frontend: TypeScript

Backend: Node.js (Express / Nest)

Backend: Python (FastAPI /  
Django / Flask)

Databases: PostgreSQL

Databases: MongoDB

Databases: Supabase

AI/ML: LangChain

DevOps: Docker

DevOps: Nginx

DevOps: GitHub Actions (CI/CD)

Extras: Three.js / React Three  
Fiber (interactive 3D apps)

## Links

[GitHub](#)

[LinkedIn](#)

## Profile

Dynamic senior full-stack developer with over six years of experience in creating robust web platforms that harmoniously blend sophisticated user interfaces with dependable backend systems. Proficient in leveraging React, Next.js, and Node.js for front-end development, alongside Python frameworks such as FastAPI and Django for back-end solutions. Strong background in mentoring teams, optimizing performance, and implementing scalable architectures, ensuring consistent functionality and maintainability of code. Eager to harness AI capabilities to boost project efficiency while addressing complex challenges and driving innovative solutions in a senior full-stack role.

## Recent Work

**Built a document parser that turned thousands of technical PDFs into a searchable database (FastAPI + PostgreSQL + embeddings).**

**Created a 3D ship-tracking dashboard in React Three Fiber with real-time routes and smooth camera movement.**

**Deployed a private AI agent stack on AWS using vLLM and FastAPI, with embeddings in Postgres for secure semantic search.**

**Designed a multi-tenant SaaS backend in Next.js + Node, including billing, role-based access, and live notifications.**

## What You Get

**Senior-level experience without the fluff.**

**Clean, tested code that won't collapse after launch.**

**Straightforward communication - weekly updates, clear docs, no surprises.**

## Education

### Computer science, Lviv Polytechnic National University

2018 – 2020

Focus on distributed systems, backend architecture, and cloud deployment. Thesis/project: Embedding-based document search using FastAPI + Postgres (pgvector); evaluated latency & recall on technical PDFs. Built Next.js + Node multi-tenant dashboard (RBAC, simple billing flow), added CI/CD and Nginx reverse proxy. Optional elective: Three.js / React-Three-Fiber module—interactive 3D scene with GPU-friendly optimizations.

### Computer science, National Technical University of Ukraine "Kyiv Polytechnic Institute"

2014 – 2018

Core work in algorithms, databases, networks, and web engineering. Built a capstone React + FastAPI app with PostgreSQL; containerized with Docker and deployed on AWS EC2. Coursework projects included Next.js SSR, REST APIs in Node.js/Express, and pgvector experiments for semantic search. Student repo hygiene: tests, CI with GitHub Actions, nginx reverse proxy basics.

## Employment History

### Senior Backend Engineer, GlobalLogic

MAR 2022 – JUL 2025

Led backend development for a US fintech client, designing FastAPI + Node.js microservices for transaction processing.

Deployed services on AWS EC2 with Docker + Nginx, and integrated observability (logs, metrics, alerts).

Migrated a legacy monolith into a modular Postgres + Redis setup, improving query times by ~35%.

Mentored junior developers in TypeScript and CI/CD pipelines (GitHub Actions).

### Software Engineer, N-iX

JAN 2020 – FEB 2022

Built Next.js + Node.js SaaS modules with multi-tenant support, authentication, and role-based access.

Designed APIs in FastAPI, deployed on AWS EC2 behind Nginx reverse proxy.

Optimized queries in PostgreSQL, added early pgvector extensions for semantic search.

Introduced TypeScript into team workflow to reduce runtime bugs.

### Full-Stack Developer, SoftServe

JUL 2018 – DEC 2019

Developed React + Django dashboards for enterprise clients, focusing on clean UI and secure REST APIs.

Integrated PostgreSQL and Redis for data-heavy apps.

Learned CI/CD basics with Docker + GitLab pipelines.

Collaborated with a team of 6 engineers in Agile sprints.