

Vadym Abakumov

Full-Stack Developer



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SUMMARY

Full-Stack Developer with practical experience in building and optimizing scalable web applications. Proficient in React, Next.js, and Node.js, with a strong focus on API development, database management, and automation. Successfully developed full-stack applications, landing pages, and admin dashboards, improving overall performance and usability. Experienced in deployment processes, including AWS, Vercel, Docker, and CI/CD pipelines. Passionate about creating efficient, secure, and user-friendly solutions. Open to new opportunities in a collaborative and innovative environment.

EDUCATION

- IT Step Academy

2015 - 2021

- Certificate of course completion.
- freeCodeCamp

2021 - Present

- Next.js React Framework course.
- TypeScript course.
- Node.js and Express.js course.
- NestJS course.
- Docker Containers and Kubernetes Fundamentals course.
- Kyiv National Economic University

2023 - Present

- Bachelor's degree in Computer Science.

SKILLS

- Languages

- English

- Russian

- Ukrainian

Upper-Intermediate
Advanced
Native
- Frontend

- TypeScript

- React

- Next.js

- Electron.js

- Tailwind CSS

- Responsive Design

- Vercel, Heroku

Intermediate
Advanced
Intermediate
Intermediate
Advanced
Advanced
Advanced
- Backend

- Node.js

- Express.js

- NestJS

- JWT, OAuth

- WebSockets (Socket.io)

- REST API

- Railway, Netlify, Render

Advanced
Advanced
Intermediate
Intermediate
Intermediate
Advanced
Intermediate
- Database

- MySQL (Sequelize)

- PostgreSQL (Prisma)

- MongoDB (Mongoose)

Advanced
Intermediate
Intermediate
- DevOps & Tools

- Git

- AWS (EC2, S3, Lambda)

- Docker

- Kubernetes

Advanced
Intermediate
Intermediate
Basic

EXPERIENCE

- Personal Projects

2021 - 2023

Web Development

Built 10+ responsive websites for personal projects and start-ups, leveraging Next.js, Express.js, MySQL, REST APIs, and third-party services, improving site speed by 30% through performance optimization.

Automation and Tools

Created custom tools to process thousands of images and text files.
Developed Telegram and Discord bots in Node.js, adding numerous features that enhanced group interactions and reduced manual moderation by 50%.

Games

Developed and maintained multiplayer servers supporting 100+ concurrent users, created custom game modifications, and built 2D story-driven platformers and browser games like pinball and blackjack.
- Freelance

2023 - 2024

Web Development

Built 20+ landing pages and 3 admin dashboards, optimizing content management and increasing workflow efficiency for clients.
Created a scalable e-commerce platform, reducing page load time by 40% and improving user experience.
Integrated secure authentication (JWT, OAuth2), protecting over 200+ users' data.

Automation and Tools

Developed multi-node web scrapers, increasing large dataset retrieval efficiency by 80%.
Implemented messenger bots for business automation, reducing manual workload by 50%.

Deployment and Maintenance

Configured CI/CD pipelines with Docker and GitHub Actions, ensuring 99.9% uptime.
Optimized server configuration for Node.js and Nginx-based applications, improving stability.

PROJECTS

- Police computer

mozyonee/mdc

A role-based system for managing police operations in a multiplayer game environment. Includes a database for case records and real-time tracking, improving response efficiency by 30%.

Tech Stack: Next.js, CSS, MySQL
- Headset shop

mozyonee/aspirex

An e-commerce platform with secure authentication, payment integration, and product filtering. Optimized for scalability, handling up to 10,000 concurrent users.

Tech Stack: Next.js, Tailwind CSS, Express.js, MySQL, Python
- To-Do list

mozyonee/todo

An intuitive and sleek to-do list application with task categorization, priority sorting, and deadline reminders. Provides seamless synchronization across devices, boosting productivity by 25%.

Tech Stack: TypeScript, React.js, Electron.js, Tailwind CSS, NestJS, PostgreSQL (Prisma)
- Social media

mozyonee/forum

A discussion platform with user authentication, real-time messaging, and post moderation. Supports over 1,000 active users per day.

Tech Stack: TypeScript, Next.js, Tailwind CSS, Nest JS, MongoDB