

# Vadym Abakumov

## Full-Stack Developer



- Stockholm, Sweden (and Remote)
- vadym.abakumov@gmail.com
- mozyonee.github.io
- github.com/mozyonee
- linkedin.com/in/vadym-abakumov

### SKILLS

#### Languages

- EnglishUpper-Intermediate
- RussianAdvanced
- UkrainianNative

#### Frontend

- Tailwind CSSAdvanced
- TypeScriptAdvanced
- Next.jsAdvanced
- Electron.jsBasic

#### Backend

- Express.jsAdvanced
- NestJSAdvanced
- JWT, OAuth, OTPAdvanced
- WebSockets (Socket.io)Intermediate
- BullMQ, RabbitMQIntermediate

#### Database

- RedisIntermediate
- MySQL (Sequelize)Intermediate
- PostgreSQL (Prisma)Basic
- MongoDB (Mongoose)Advanced

#### DevOps & Tools

- GitAdvanced
- DockerAdvanced
- KubernetesIntermediate
- AWS (VPC, EC2, S3, Route53, ECR, CM, IAM)Intermediate
- Railway, Netlify, Render, Heroku, VercelIntermediate

### 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 1,000 concurrent users.

**Tech Stack:** Next.js, Tailwind CSS, Express.js, MySQL, Python

**Forum**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, NestJS, MongoDB

**AE Analyzer and Renderer**NDA  
A cloud-based SaaS platform enabling users to upload After Effects projects, edit community creations, and render high-quality videos entirely online. Features integrated payment processing for monetizing templates, microservices architecture optimized for auto-scaling rendering workloads, and complete CI/CD pipeline with automated testing and zero-downtime deployments.

**Tech Stack:** TypeScript, Next.js, Tailwind CSS, NestJS, Microservices, MongoDB, Python.

### SUMMARY

Full-Stack Developer with practical experience in building and optimizing scalable web applications. Proficient in Next.js, and NestJS, 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 Docker, Kubernetes, and CI/CD pipelines. Passionate about creating efficient, secure, and user-friendly solutions. Open to new opportunities in a collaborative and innovative environment.

### EDUCATION

**freeCodeCamp**2021 - Present

- TypeScript course.
- Next.js React Framework 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.

### EXPERIENCE

**Personal Projects**2021 - 2023

**Games**

Created and maintained multiplayer game servers supporting 900+ concurrent users.

Designed and developed custom game modifications, 2D story-driven platformers, and browser-based games.

**Freelance**2023 - 2024

**Web Development**

Built multiple web applications, including a scalable e-commerce platform for a VR headset store.

Implemented secure authentication using JWT and OAuth2, safeguarding the data of over 2,000 users.

**Deployment and Maintenance**

Managed the deployment of Node.js and Nginx-based applications on Ubuntu servers with optimized, secure configurations.

Set up CI/CD pipelines using GitHub Actions, Docker, Kubernetes, ArgoCD, Amazon Web Services, ensuring 99.9% uptime and seamless updates.

**Mustage Team**2024 - Present

**Automation and Tools**

Developed custom tools to process thousands of images and text files efficiently.

Built feature-rich Telegram and Discord bots using Node.js, enhancing group interactions and reducing manual moderation by over 50%.

**Parsers**

Independently developed several web applications, including a high-performance NestJS REST API for parsing Facebook accounts.

Integrated proxy rotation, enabling the system to handle over 20,000 requests per minute for account verification and status analysis.

**Landings**

Built over 10 landing pages and admin dashboards, including one for a 3D printing service provider.

Streamlined order management and service customization, significantly improving client workflow efficiency.

**SaaS**

Leading the development of a SaaS platform for customizable After Effects templates with subscription-based access.

Users can edit text, reposition and scale layers, and upload assets directly in the browser, then render and download final videos without leaving the platform.

The system supports user-generated templates with monetization and uses advanced After Effects scripting to automate project parsing, modification, rendering, and delivery.