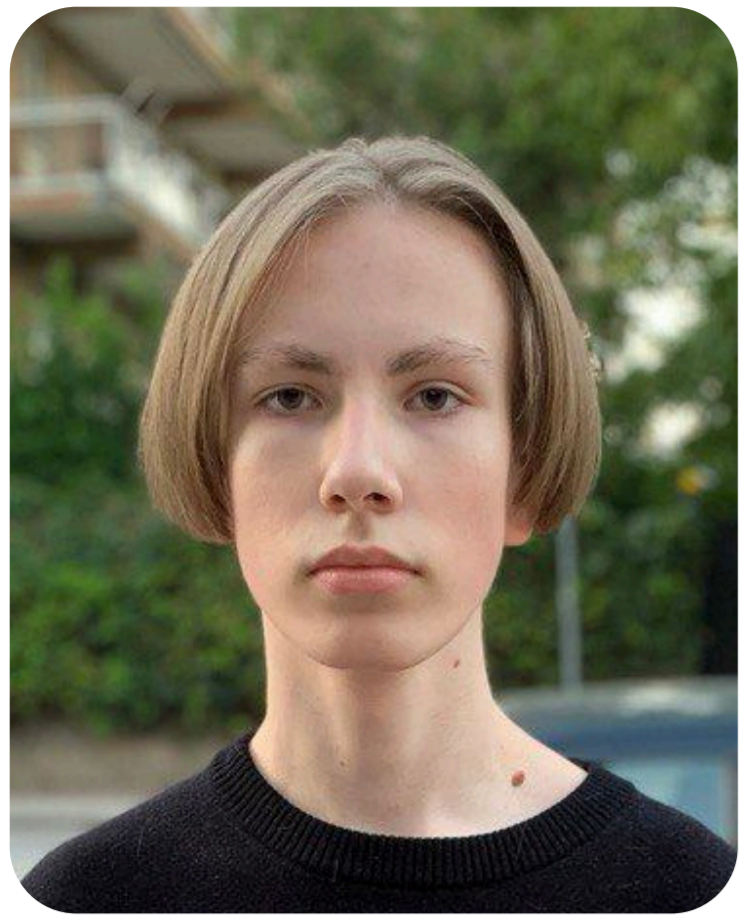# Vadym Abakumov
Full-Stack Developer

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

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.

SKILLS

Languages

- English	Upper-Intermediate
- Russian	Advanced
- Ukrainian	Native

Frontend

- Tailwind CSS	Advanced
- TypeScript	Advanced
- Next.js	Advanced
- Electron.js	Basic

Backend

- Express.js	Advanced
- NestJS	Advanced
- JWT, OAuth, OTP	Advanced
- WebSockets (Socket.io)	Intermediate
- BullMQ, RabbitMQ	Intermediate

Database

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

DevOps & Tools

- Git	Advanced
- Docker	Advanced
- Kubernetes	Intermediate
- AWS (VPC, EC2, S3, Route53, ECR, CM, IAM)	Intermediate
- Railway, Netlify, Render, Heroku, Vercel	Intermediate

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.

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.