Nikita Afanasiev

Software Engineer

- Remote
- nikita.afanasyevnn@gmail.com
- https://capybara.cx.ua

Skills

Front-End
React, TypeScript, Vite, Tailwind CSS, SCSS, Chakra UI, Storybook, i18n

Back-End
Django, Spring Boot, Hono

Databases
PostgreSQL, MySQL, Redis

Tools
Docker, Github Actions, Husky, Jira, Bitbucket

Testing
JUnit, Jest, Playwright

Languages

Ukrainian
Fluent

Russian
Fluent

English
B2

Full-Stack Software Engineer with hands-on experience in building and modernizing web applications across frontend and backend.

Proficient in React, TypeScript, Django, and Spring Boot, and skilled in microservices architecture using Docker, Redis, and Celery.

Delivered event-driven webhook integrations, CI/CD pipelines, and automated AI-powered features via Midjourney API to enhance user engagement and system reliability.

Profiles

- LinkedIn
- Github

Experience

Meduzzen — March 2024 – April 2024
Frontend Developer — Remote
🔗 https://meduzzen.com/

- Developed key website components using React and TypeScript, improving overall UI consistency.
- Integrated Axios and Redux for efficient data management.
- Contributed to a project aimed at enhancing company management and quiz creation functionalities.

WinWin.Travel — May 2024 – Dec 2024
Frontend Developer — Remote
🔗 https://www.winwin.travel/

- Improved mobile user retention by 20% by optimizing website responsiveness across multiple devices using React and TypeScript.
- Reduced filter selection time by 50% by developing a real-time chat system using WebSockets, enabling seamless communication between users and AI.
- Implemented an interactive onboarding tutorial, boosting new user engagement by 30%.
- Utilized React, TypeScript, and Vite to optimize performance and accelerate development cycles.
- Utilized Jira and Bitbucket for task management and version control within a cross-functional team environment.

Freelance — Dec 2024 – Feb 2025
Software Engineer

- Refactored gateway microservice logic within Docker-container infrastructure to support event-driven webhook architecture for secure balance synchronization after blockchain transactions.
- Integrated external API callbacks to deliver real-time balance updates, reducing client-side desyncs by ~40%.
- Enhanced inter-service communication and scalability using Redis and Celery for asynchronous task orchestration.
- Implemented a LangGraph-based conversational engine enabling a celebrity-persona Telegram bot that interacts like a friend.
- Integrated Redis + Celery workers to manage asynchronous chat-memory and selfie image generation via Midjourney API.
- Automated persona-specific selfie generation outputs to improve engagement through API triggers.

Massive — March 2025 – June 2025
Frontend Developer — Remote

- Spearheaded the complete modernization of a legacy project into a high-performance web-application, increasing development efficiency by an estimated 50%.
- Architected and implemented a robust component library using Storybook, which significantly improved UI consistency and accelerated feature deployment.
- Boosted application performance by 40% by implementing strategic lazy loading for pages and assets.
- Established a comprehensive, multi-layered testing pipeline with Playwright and Jest, and optimized CI/CD workflows to reduce execution times by 50%.
- Engineered core user-facing features from the ground up, including a secure authentication system with Firebase and a dynamic data table interface with TanStack React Table.

Education

Kharkiv Radio Engineering Applied College — Professional Junior Bachelor
Computer Science

National Technical University "Kharkiv Polytechnic Institute" — Bachelor Degree
Computer Science

Projects

Alexandria — Nov 2023 – Feb 2024
🔗 Github

Alexandria – A platform designed to streamline communication between students and teachers by integrating assignment management, flexible scheduling, teacher directories, and discussion boards into a single interface.

- Developed using Angular, Spring Boot, and PostgreSQL to ensure a scalable and efficient solution.
- Implemented Docker for smooth deployment and leveraged Trello to coordinate with the team I led, resulting in a 60% faster project turnaround than other teams.
- Enhanced the user experience by designing an intuitive interface that increased user engagement by 20%.

Volunteering

National Technical University "Kharkiv Polytechnic Institute" — October 2024 – February 2025
Frontend Team Lead — Remote

- Implemented responsive and visually appealing layouts for various website components.
- Lead a student team of designers and developers to ensure consistent design and functionality.
- Performed a code review of the other developers' pull request