

Nikita Afanasiev

Software Engineer

📍 Remote

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🌐 <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 both frontend and backend.

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

Delivered event-driven webhook integrations, scalable CI/CD pipelines, and AI-powered conversational flows using LangGraph and asynchronous task orchestration to enhance system performance and user experience.

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

Remote

Frontend Team Lead

- 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