Nikita Afanasiev

Software Engineer | React, TypeScript

⦿ Remote
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🔗 https://capybara.cx.ua

Skills

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

Back-End Frameworks
Django, Spring Boot, Hono

Databases & Caching
PostgreSQL, MySQL, Redis

DevOps & CI/CD
Docker, Github Actions, Husky, Jira, Bitbucket

Testing & Quality Assurance (QA)
JUnit, Jest, Playwright

Languages

Ukrainian
Fluent

English
B2

Full-Stack Software Engineer skilled in **React**, **TypeScript**, **Django**, and **Spring Boot**, with extensive experience **architecting** and **deploying** modern, **scalable web applications**.

Expertise includes **Microservices Architecture**, **Docker containerization**, and **Event-Driven Architecture (EDA)**, leveraging **Redis** and **Celery** for high-volume **asynchronous task orchestration**.

Proven track record of **optimizing application performance** (e.g., boosting performance by **40%** in legacy modernization) and implementing advanced **CI/CD pipelines** (e.g., reducing build execution time by **50%**). Developed sophisticated **AI-powered conversational flows** using **LangGraph** for next-generation user engagement.

Work Experience

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

1. **Developed** and **validated key website components** using **React** and **TypeScript**, significantly improving and maintaining overall **UI consistency** across the platform.
2. **Integrated Axios** and **Redux** for centralized state management and efficient asynchronous data fetching from the backend.

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

1. **Optimized** website responsiveness across mobile and tablet devices using **React** and **TypeScript**, resulting in a quantifiable **20% improvement in mobile user retention**.
2. **Engineered** a **real-time chat system** leveraging **WebSockets**, enabling seamless user-AI interaction and successfully **reducing filter selection time by 50%**.
3. **Implemented** a dynamic, interactive **onboarding tutorial**, which directly contributed to **boosting new user engagement by 30%**.

Freelance — Dec 2024 - Feb 2025
Software Engineer

1. **Re-architected gateway microservice** logic within **Docker** containers to implement an **Event-Driven Architecture (EDA)**, ensuring secure and immediate balance synchronization after **blockchain transactions**.
2. **Engineered** external **API integrations** with real-time **webhook** callbacks, delivering instant balance updates and reducing client-side data discrepancies (**desyncs**) by **~40%**.
3. **Developed** a sophisticated, multi-agent **conversational engine** using **LangGraph** (LangChain), enabling a celebrity-persona bot with integrated **Dialogue State Management**.

Massive — March 2025 - June 2025
Frontend Developer — Remote

1. **Re-architected** and **Spearheaded** the modernization of a monolithic legacy project into a high-performance **Single-Page Application (SPA)**, increasing overall **development efficiency by 50%**.
2. **Architected** and **implemented** a centralized **Component Library** using **Storybook**, standardizing UI consistency and accelerating feature deployment across multiple teams.
3. **Established** a multi-layered **Testing Pipeline** (**Playwright** E2E, **Jest** Unit) and **optimized CI/CD workflows** (**GitHub Actions**) to reduce test execution times by **50%**.

WWG — Aug 2025 - Present
Front-End (React + React Native) Developer — Remote
🔗 https://www.wwg.it

Engineered cross-platform features using **React Native** and **React** for simultaneous deployment across web and mobile applications, ensuring unified codebase and rapid feature parity.

Collaborated within an **Agile** team structure, utilizing **Jira** and **GitHub** for iterative development, code review, and efficient delivery of business requirements.

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.

1. **Engineered** a **Full-Stack** platform utilizing **Angular** (Frontend), **Spring Boot** (Backend), and **PostgreSQL** (Database), delivering a scalable solution.
2. **Led** a cross-functional development team, using **Docker** for containerization and **Trello** for agile coordination, successfully achieving a **60% faster project turnaround**.
3. **Designed** and **implemented** an intuitive user interface, which measurably **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