Andrii Nehrov

+4917663336539 | Berlin, Germany | andrii.nero@gmail.com | github.com/andriinero | linkedin.com/in/andrii-nero

EDUCATION

Kyiv Polytechnic Institute — Kyiv, Ukraine
Bachelor of Arts in Computer Science — *Sep. 2019 – Feb. 2022*

AIT TR GmbH — Weiterbildung — Berlin, Germany
Full Stack Developer — *Sep. 2023 – May 2024*

Freie Universität Berlin — Berlin, Germany
Technical German for Studies and Career — *Aug. 2024 – May. 2025*

EXPERIENCE

Open Source Developer — Jul. 2023 – Jun. 2024
The Odin Project — *Remote*

- Spearheaded a comprehensive code restructuring initiative that improved system reliability for screen readers by 45%, optimized performance, and reduced technical debt. Ensured complete compliance with the latest WCAG 3 accessibility standards, delivering a more inclusive and seamless user experience
- Authored and continuously updated key sections of a curriculum relied upon by thousands of users, ensuring alignment with the latest React ecosystem standards
- Designed and developed advanced full-stack single-page applications (SPAs) using cutting-edge technologies and architectural patterns. Focused on delivering a seamless user experience while maintaining high code quality, scalability, and long-term maintainability

PROJECTS

Bonfire | *TypeScript, React, Redux, Tailwind CSS, Express, PostgreSQL* — Source Code | Demo

- Developed a full-stack messaging app based on WebSockets that supports individual contact list with group chats that can scale up to hundreds of live users
- Integrated caching, resulting in a 47% reduction in loading times and smoother client performance
- Fully tested utilizing React Testing Library with 91% test coverage that implements best practices of Unit Testing, Integration Testing and a11y (accessibility) practices according to WCAG 3

InkSpace | *TypeScript, React, Redux, Styled-Components, Express, MongoDB* — Source Code | Demo

- Developed a full-stack social media/personal blog web application using Express/MongoDB serving a REST API with React as the front-end
- Integrated and developed custom caching solution on the front-end drastically reducing server load and improving client loading time by 38% with custom image storage system on the back-end
- Implemented application JWT-based authentication to store user's data in repository enabling dynamic and personalized user experience

Allegro | *TypeScript, React, Tailwind CSS, Next.js, tRPC, Prisma, PostgreSQL* — Source Code | Demo

- Built a full-stack web app enabling users to learn guitar with Berlin's top instructor through personalized lesson plans and interactive tools
- Designed a scalable booking system with support for both online and in-person lessons, incorporating flexible duration management and automated status handling

LANGUAGES

English: C2 Proficient
German: C1 Advanced
Russian: Native
Ukrainian: Native

TECHNICAL SKILLS

Languages: Java, Python, Lua, SQL (Postgres), JavaScript ES6+, TypeScript, HTML/CSS
Frameworks/Libraries: React, Redux, Tailwind CSS, Styled-Components, Material-UI (MUI), Next.js, Node.js, Express, PostgreSQL, MongoDB, JUnit, Jest, Vitest
Developer Tools: Linux, Git, GitHub, Neovim, IntelliJ, Webpack, Vite, NPM, PNPM, Docker, REST, Agile