







Andriy Kotko
Frontend developer

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Summary

Hello! 🙋 I am a Frontend Engineer with over five years of experience in UI development, specializing in React, TypeScript, GraphQL API, and modern web technologies. I enjoy building visually compelling web applications and the flow of turning Figma designs into pixel-perfect UI. My expertise spans web apps at fin-tech and securities, where I have worked on integrating GraphQL APIs seamlessly into robust frontend solutions.

Whether collaborating with international teams or contributing to local projects in and around Valencia, Spain, I bring dedication, precision, and creativity to every task.

Outside of work, I am passionate about photography, sailing, and inspiring my approach to life and development.

Technical Skills

React.js, Typescript, Next.js, Vite, Apollo GraphQL, Rest API, Jotai, Mobx, react-context, Redux, CSS-modules, Tailwind, Material-UI, Radix-UI, Jest, Cypress, Yup-validation, Figma, Storybook, Drag-n-Drop, TV Lightweight Charts, JSON Forms, Github, Gitlab, CI/CD practices, ESLint, Prettier

Experience

Human Capital Exchange, Los Angeles - (Remote)

Sep 2022 - Jan 2025

Frontend Engineer - Contractor

Developed an [HCX](#) trading platform for a new equity-based asset class using React, Typescript, GraphQL, Jotai, and Jest.

- Streamlined account setup with multi-form flows for different users, integrating JSON Forms, Yup validation, and Apollo GraphQL, improving form submission efficiency by 90%.
- Updated API in partnership with the backend team, adding features and fixing bugs, which boosted server performance by 20% and accelerated feature deployment by 25%.
- Streamlined the system by removing 3 blockchain libraries, shifting to bank transactions, and introducing debit/credit card and bank account features, reducing operation costs by 30%.
- Orchestrated the integration of DocuSign for in-app application signings, streamlining the process and reducing turnaround time by 40%, ensuring compliance with stringent KYC regulations and legal requirements.
- Led the integration process for newly hired developers, reducing onboarding time from one month to 1 week.
- Integrated Jest and Cypress with CI/CD for automated user flow testing, reducing manual QA time by 25%.
- Enhanced Material-UI global theme, streamlining common styles to save 68 workdays on component creation and keeping the company 8000\$.

Technologies Used: React.js, Typescript, Jotai, Material-UI, Figma, GraphQL, React Native, DnD kit, TV Chart Library, Nx Monorepo, Next.js, WordPress, Jest, Cypress, Go.

Yara International, Singapore - (Remote)

Aug 2023 - Jan 2024

UI Engineer

Hired to the design system's team of 10 developers to enhance the usability and accessibility of [Yara International's](#) design system.

- Added over 10 new components to the design system, fully refactoring existing ones, improving accessibility to meet global standards, and boosting compliance by 44%.
- Created a novel token system, enhancing design-to-code efficiency by 32%, leading to smoother design adoption and uniformity across projects.
- Developed closely with designers to refine and implement component designs, discussing the overall look of the Storybook theme.

Technologies Used: React.js, TypeScript, Storybook, Figma, Design System, Radix-Ui, Github, React Native.

I was recruited to join a team of developers led by Varia Stepanova and to contribute to npm Design System. This role enabled me to combine my technical expertise with a keen sense of design.

- - Maintenance of next.js website. Migrating next@12 to @14
- - Update design-system npm library with new React components.
- Successfully migrated the web application from Gatsby@3 to Gatsby@5
- Refactoring of project components, and enhancing performance and maintainability. This included upgrading dependencies such as @mdx-js/react, refining code quality with ESLint and Prettier, and improving UI components and image displays on web pages.
- Contributed to the evolution of the npm library of the Design System, implementing significant updates to the ProfileCard component across multiple releases, enhancing layout styling, and updating key attributes to boost user interface consistency and functionality.

Frontend Engineer

Maintained the innovative digital identity platform [RNS](#) to issue digital IDs for Palau's digital residence, and led the international tech team in creating applications from scratch.

- Spearheaded the creation of 3 landing pages, 2 web apps, and 35 email HTML templates for user subscriptions, enhancing user engagement, and integrating new features such as ID verification, TypeScript migration, and Jest test coverage.
- Refined MaterialUI components to styled components, enhancing UI flexibility and responsiveness; decreased app load time by 40% and elevated user experience satisfaction ratings by 15%.
- Simplified codebase by transitioning from Redux, Redux-toolkit to MobX, reducing boilerplate by 40% and enhancing maintainability.
- Integrated internationalization using i18n, expanding market reach by enabling content localization for 12 new languages, which led to a 28% increase in global user engagement.

Technologies Used: React.js, Next.js, Tailwind, Redux, Mobx, SASS, Mobx, Python, Blockchain, S3.

Javascript Developer

- Collaborated with the design team to develop HTML markup templates, driving a 30% increase in mobile conversions and a 20% decrease in cart abandonment rates.

Technologies Used: HTML, CSS, WordPress, GoogleAnalytics, Seo-optimisation.

Education

Bachelor — Instrument Engineering

Sevastopol Technical State University, Ukraine