

Andrii Sulzhyk

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SOFTWARE ENGINEER

Software Engineer with a frontend background and 9 years of experience building customer-facing SaaS products across fintech, healthcare, and e-commerce. Over the last 3.5 years, I owned the frontend for a Canadian fintech startup acquired by Ripple, delivering three production applications from scratch while collaborating closely with product, design, operations, compliance, and backend teams. My role extended beyond frontend implementation into product engineering responsibilities, including feature ownership, API design collaboration, UX decisions, production debugging, and backend-for-frontend development with Node.js. I enjoy solving product problems end-to-end and building software that delivers measurable value to users. Currently expanding backend expertise in Node.js, API design, and PostgreSQL.

TECHNICAL SKILLS

Frontend Engineering: TypeScript, JavaScript, React, Redux Toolkit, RTK Query, D3.js, Material UI, TanStack tools, HTML, CSS, Next.js, React Native.

Fullstack & APIs: Node.js, Express, REST APIs, PostgreSQL, OAuth/OIDC, SSR, SQL fundamentals.

Product Development: Feature ownership, product thinking, requirements clarification, complex business workflows, customer-facing SaaS, internal platforms, admin tools, UI prototyping, UX decisions, AI-assisted development.

Tools: Git, GitHub Actions, Jest, Webpack, NPM, Figma, Cursor, Claude, Google Stitch.

PROFESSIONAL EXPERIENCE

Rail — acquired by Ripple

December 2022 - July 2026

Senior Frontend Engineer

- Joined an early-stage fintech startup as its first frontend engineer, establishing the frontend architecture and delivering three production React applications from the ground up for customers and internal teams.
- As the company's sole frontend engineer, owned all frontend engineering across the company, including architecture, API integration, production debugging, and long-term evolution of customer-facing and internal products.
- Owned product delivery end-to-end, from requirements clarification and UX decisions through implementation, CI/CD with GitHub Actions, production rollout, and continuous product evolution.
- Built operational workflows for customer management, counterparties, transactions, banking rails, deposits, withdrawals, and compliance, used daily by operations, support, and compliance teams.
- Designed and implemented secure authentication and authorization flows using Okta, Auth0 and OAuth/OIDC across customer-facing and internal applications.
- Built and maintained backend-for-frontend integrations using TypeScript, Node.js, and Express, handling API routing, authentication-related flows, and adaptation of backend APIs for frontend product requirements.
- Used AI-assisted workflows with Claude Design, and Google Stitch to prototype internal Admin UI concepts, explore layout alternatives, validate UX directions, and accelerate implementation.
- Partnered closely with Product, Backend, Support, Compliance, and Operations teams to refine requirements, solve production issues, and translate ambiguous business needs into scalable product features.

Frontend Developer

- Developed React applications for bioengineering research and knowledge-management platforms serving scientific users.
- Designed and implemented complex data visualization experiences using D3.js, including: force-directed graphs; heatmaps; hierarchical tree visualizations; line charts; pie charts; custom SVG-based scientific diagrams.
- Built reusable visualization components capable of rendering large biological datasets while maintaining smooth interaction and performance.
- Collaborated with product managers and backend engineers to transform complex domain data into intuitive interactive user experiences.
- Contributed to frontend architecture, Redux state management, reusable component libraries and dashboard development.

Omnicore LLC**June 2017 - October 2018****Junior Frontend Developer**

- Developed and maintained the company's corporate website.
- Developed e-commerce websites for big Ukrainian retailers: New Balance, Vsi Svoi, MD Fashion, Ultra Shop, and Borjomi.
- Worked on markup, frontend interactions, and template implementation across multiple commercial websites.
- Implemented responsive, pixel-accurate website layouts, frontend interactions, and scroll-based animations for commercial e-commerce and corporate websites

Twin Win Games LLC**September 2016 - February 2017****Trainee HTML5 developer**

- Created and maintained corporate website using WordPress.
- Developed browser-based HTML5 games and interactive UI components using JavaScript and jQuery.
- Built a multiplayer chess game with real-time player interactions.
- Collaborated with artists, product managers and backend developers on game and web projects.

Olshansky & Partners**August 2014 - August 2016****SEO specialist / Internet marketer**

- Started career in SEO and digital marketing, gaining experience in analytics, user acquisition, technical SEO audits, marketing strategies and email marketing.

FREELANCE / SELECTED PROJECTS

- During one year, contributed to a React Native / Expo expense-tracking mobile application, including navigation flows, screens, and API integrations.
- Designed and built a production-ready corporate website with Next.js, including architecture, deployment, SEO, responsive implementation and AI-assisted UI exploration.
- Implemented technical SEO improvements in an existing production project, including canonical URLs, redirects, metadata, and indexing-related fixes.

EDUCATION

Kyiv National Economics University – Master's degree in Marketing

Poltava National Technical University – Bachelor's degree in Marketing