Andrii Sulzhyk

SOFTWARE ENGINEER

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PROFILE

Software Engineer with 9 years of experience and a strong frontend foundation. Over the last 3.5 years, I owned the frontend domain at Rail, a fintech startup acquired by Ripple. I delivered three production applications from scratch while collaborating closely with C-level, product, backend and other internal teams. My role extended beyond frontend implementation into Full Stack and Product Engineering responsibilities, including feature ownership, API design collaboration, building Node.js BFF layer, UX decisions, production debugging and testing. I enjoy solving product problems end-to-end and building software that delivers value to users.

TECHNICAL SKILLS

Frontend Engineering: TypeScript, JavaScript, React, Next.js, React Native, Redux Toolkit, RTK Query, D3.js, Material UI, TanStack Table, TanStack Router, Jest, Webpack, Vue.js, Figma, HTML, CSS, SCSS.
Backend & delivery: Node.js, Express.js, PostgreSQL, REST APIs, WebSockets, OAuth/OIDC, Drizzle ORM, Zod, Vitest, BFF, SSR, Git, GitHub Actions.
Product Development: Ownership, product thinking, complex business workflows, customer-facing SaaS, admin platforms, UI/UX, design systems, SEO, analytics.
AI: Agent development foundation, tool calling, agent loops, evals, prompt engineering, Codex, Claude, Cursor, Google Stitch.

PROFESSIONAL EXPERIENCE

Rail / Ripple

Senior Frontend Engineer | December 2022 - July 2026

B2B payments infrastructure startup connecting banking rails and stablecoins. Processed billions in cross-border payments and powered over 10% of global B2B stablecoin payment volume, acquired by Ripple for $200M.

- 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.
- Owned all frontend engineering across the company, including architecture, API integration, authentication and authorization flows, debugging, testing, delivery, CI/CD, production rollout, and long-term evolution of products.
- Built operational workflows for customer management, counterparties, accounts, transactions, deposits, withdrawals, OTC trades, banking rails, KYC and compliance, used daily by our clients and internal teams.
- Built and maintained BFF integrations using TypeScript, Node.js, and Express.js, 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, build a design system, and accelerate implementation.
- Partnered closely with C-level, Product, Backend, Support, Compliance, and Operations teams to refine requirements, solve production issues, and translate ambiguous business needs into scalable product features.
- Led internal feature showcase meetings and gathered user feedback for further application improvements.

EARLIER PROFESSIONAL EXPERIENCE

Grid Dynamics

Frontend Developer | November 2018 - November 2022

- 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.
- Contributed to frontend architecture, Redux state management, reusable component libraries and dashboard development.

Omnicore LLC

Junior Frontend Developer | June 2017 - October 2018

- Developed and maintained the company's corporate website: theomnicore.com.
- Developed e-commerce shops, working on markup, frontend interactions, and template implementation across multiple websites.
- Implemented responsive, pixel-accurate layouts, and scroll-based animations for e-commerce and corporate projects.

Twin Win Games LLC

Trainee HTML5 developer | September 2016 - February 2017

- Built HTML5 games and interactive UI with JavaScript and jQuery. Created corporate website using WordPress.

Olshansky & Partners

SEO specialist / Internet marketer | August 2014 - August 2016

- Started career in SEO and digital marketing, gaining experience in analytics, user acquisition, technical SEO audits, PPC, 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.
- Developed production Next.js corporate website including: UI/UX design, architecture, responsive UI, deployment, and SEO.
- Implemented technical SEO improvements in an existing production Vue.js application, including canonical URLs, redirects, metadata, and indexing. Improved the mobile Lighthouse performance score from 64 to 97 through targeted performance optimizations.

PROFESSIONAL DEVELOPMENT 2026

API Design in Node.js v5 | Master.dev | Completed.

AI Agents Fundamentals v2 | Master.dev | Completed.

EDUCATION

Kyiv National Economics University – Master's degree in Marketing

Poltava National Technical University – Bachelor's degree in Marketing