RYAN ROGALSKI

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SKILLS & EXPERTISE

Front End Engineering · UX/UI Design · Responsive Design · Web Animation · Interaction Design · Design Systems · Web Performance Optimization · Sound Design · Music Composition · Audio Engineering · Mixing & Mastering

KEY TOOLS

JavaScript (ES6+) · TypeScript · React · Next.js · React Query · Redux · Webpack · CI/CD (CircleCI, GitHub Actions) · AWS (S3, CloudFront) · Figma · Tailwind · PostCSS · CSS Modules · Storybook · Canvas · Framer Motion · Ableton Live · Elektron Hardware · Analog Synthesizers

EDUCATION

BA Music Technology
Skidmore College, 2007

SUMMARY

Front End Engineer with 12+ years of experience blending technical implementation with design sensibility to create interactive, high-performance web applications. Specializing in React, Next.js, TypeScript, React Query, and Tailwind, I've led front-end architecture for Sequoia-backed startups, Fortune 500 companies, and innovative digital studios.

As owner of Infinite Loop, my creative studio, I've served as both technical and creative lead, collaborating with designers and developers to bring high-impact digital experiences to life for clients like Snap, Splice, Nikon, Endeavor, and Unity.

SELECT FULL TIME ROLES

INFINITE LOOP ⊛

2013-Present · Owner, Software Consultant & Musician

Infinite Loop is my creative studio specializing in web application development, UI/UX design, and interactive web animation.

WAIR

2020-2022 · Senior Front End Developer & Designer

WAIR is a fit recommendation plugin for apparel brands, leveraging 3D body scan data to enhance online shopping experiences.

- Redesigned and rebuilt the front-end architecture of WAIR's consumer facing product, internal dashboards, and administrative tools using modern frameworks like Next.js, Tailwind, and TypeScript, significantly improving performance and scalability.
- Developed and maintained key platforms, including the e-commerce plugin, customer dashboard, and admin dashboard, ensuring seamless functionality and user experience.
- Implemented high-impact feature requests to support company growth, handling a peak load of 10M+ impressions and 3M+ personalized fit recommendations per month across 100+ live e-commerce stores.

NEXT TRUCKING

2018-2020 · Director of Product Engineering

Joined as Lead Web Developer in 2018, contributing to the company's growth ahead of a $97M Series C funding round from Sequoia Capital and Brookfield Ventures. Promoted to Director of Product Engineering within a year.

- Hired and led a team of React engineers, driving collaboration between Product, Design, and Engineering teams.
- Developed a scalable React.js monorepo for internal dashboard products, leveraging Webpack, React, Redux, and AWS S3, with CircleCI for CI/CD automation.
- Led the full rebuild of consumer-facing iOS and Android apps in React Native, improving performance, maintainability, and user experience.
- Spearheaded the development of a custom React component library, improving UI consistency, scalability, and developer efficiency across products.

SELECT CLIENT WORK