

RYAN ROGALSKI

SENIOR FRONT-END ENGINEER | UI ANIMATION & INTERACTION SPECIALIST

Senior 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.

Known for my proficiency in UI animation, interaction design, and creative engineering, I make web applications feel more immersive and engaging through fluid motion, thoughtful transitions, and a deep understanding of visual storytelling in digital interfaces. Having led a creative studio, I've served as both technical and creative lead, collaborating with designers and developers to bring high-impact digital experiences to life.

Currently open to contract or full-time roles focused on front-end engineering, UI animation, and performance optimization.

CONTACT

Portfolio: rogal.ski

Creative Studio: infinite-loop.co

GitHub: github.com/lilrogalski

LinkedIn: linkedin.com/in/ryanrogalski

Email: ryan@infinite-loop.co

Phone: 518.810.5365

Location: Los Angeles, CA (Open to remote & hybrid roles)

SKILLS & EXPERTISE

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

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 · Elektron · Analog Synthesizers

NOTABLE ROLES AND CONTRACT ENGAGEMENTS

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.

Leveraged React, TypeScript, Next.js, Tailwind, and React Query to modernize the codebase, enhancing maintainability and developer efficiency.

SNAP

2020 · Consultant, Front End, UX Design, & Animation

Developed SnapKit.com using Next.js, supporting thousands of users during the 2020 Snap Partner Summit launch of the SnapKit developer platform.

Built a scalable Next.js application to manage marketing pages, news content, and official SDK documentation, optimizing site performance and maintainability.

Engineered a dynamic documentation system, automatically generating SDK documentation pages from imported Markdown files, streamlining content updates.

Integrated Contentful CMS, enabling remote management of news content and reducing developer dependencies for content updates.

Designed and implemented interactive animations, enhancing user engagement with playful, brand-aligned motion design.

BUSTLE

2017 · Consultant, Front End, UX Design, & Animation

Bustle is a digital media platform delivering news, entertainment, and lifestyle content to a millennial audience.

Consulted with the Bustle engineering team on modern front-end development practices, focusing on interaction design, web animation, and performance optimization using Preact and Webpack.

Led the design and development of the Bustle Video landing page and video portal, improving user engagement and content discoverability.

Created custom frameworks for branded interactive ads using Preact, Canvas, and CSS animation, driving revenue growth through innovative ad experiences.

Collaborated closely with design and engineering teams to deliver high-quality, performant, and visually compelling user experiences.

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.

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.

As Director of Product Engineering, built and led a team of front end engineers, driving collaboration between Product, Design, and Engineering teams.

VIDME

2017 · Consultant, Front End, UX Design, & Animation

VIDME is a video-sharing platform focused on user engagement and community-driven content, acquired by GIPHY in 2019.

Led a full rewrite of the web front end using React, Babel, Webpack, and PostCSS, modernizing the codebase and improving performance and maintainability.

Designed and implemented a component-based design system to streamline development and ensure visual consistency across the platform.

Built a branded landing page for Vidme Deluxe, a monthly subscription service, enhancing user acquisition and conversion rates.

Provided technical leadership, including front-end architecture decisions, code reviews, and mentorship on best practices for the engineering team.

INFINITE LOOP

2013-2025 · Founder, Software Consultant & Musician

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

Led projects as both technical and creative lead, overseeing the design and development of innovative web applications that combined performance, aesthetics, and interactive design.

Worked with clients including Snap, Splice, Nikon, Bitcoin, and Unity, developing modern web applications with a focus on performance, design systems, and animation-driven UI experiences.

Original music compositions featured in advertisements for Gatorade, Dawn, VH1, TaylorMade, and Craftsman, blending technology and music in unique ways.