

ZACHARY NICOLL

Senior Frontend Engineer | UI Platform & Design Systems
15+ years building and scaling production web applications

I design and build scalable frontend systems used across multiple applications, including shared React component libraries, design systems, and developer tooling. I enjoy simplifying complex workflows, improving developer velocity, and delivering thoughtful, user-driven interfaces.

EXPERIENCE

SENIOR FRONT END SOFTWARE ENGINEER

AgencyKPI

Mar 2022 - Jan 2026

- Designed and implemented a shared React component library (Tailwind, Storybook) for use across multiple production applications, establishing UI standards and accelerating feature delivery across teams.
- Led frontend architecture across multiple production React codebases, establishing shared patterns, improving maintainability, and enabling consistent development practices across teams.
- Shaped ambiguous product initiatives into clearly scoped frontend solutions ready for implementation.
- Collaborated with backend and data engineers to define API contracts and ensure frontend requirements were reflected early in technical design.
- Established durable component patterns and reduced duplication across applications, improving consistency and overall developer experience.
- Leveraged AI-assisted development (primarily Cursor) for debugging, performance optimization, and greenfield feature scaffolding, accelerating early implementation while applying disciplined review within mature codebases.

Technology

CSS • JavaScript • JSX • Node.js • React •
Storybook • Tailwind • TypeScript

Tools

AWS • Bitbucket • Cursor • Git Tower • GitHub
Copilot • Jenkins • Jira • Terminal • WebStorm

USER EXPERIENCE DEVELOPER

DockYard

Jun 2021 - Mar 2022

- Delivered production features across React and Ruby on Rails services, collaborating on API design and integrating frontend workflows with backend data models.
- Deepened React expertise while adapting quickly to established patterns, tooling, and team workflows in a consulting environment.
- Collaborated with designers and engineers to implement polished UI work aligned with existing design systems and product requirements.

Technology

CSS • JavaScript • React • Ruby on Rails • Sass

Tools

GitHub • Git Tower • Jira • Terminal • VS Code

SENIOR SOFTWARE DEVELOPER

Intelity

Jan 2012 - Jun 2021

- Took ownership of a Ruby on Rails application managing client data and daily operations, evolving it from an internal tool into a mission-critical system used across the company.
- Led development of multiple large frontend applications using Ember.js, including a messaging platform, device management system, and other operational tools.
- Designed and built a custom CMS using an in-house JavaScript framework, then extended it into a web-based counterpart to the company's native iOS application, supporting shared workflows and data access.
- Transitioned into mobile development to lead the iOS team, learning Objective-C and Swift and serving as the primary contributor to the company's flagship iOS application.
- Handled the full lifecycle of the iOS app, including feature development, maintenance, and App Store submissions, while balancing legacy systems with new feature work.

Technology

Bash • C# • CSS • Ember.js • JavaScript • jQuery • Objective-C • Ruby on Rails • Sass • SQL • Swift

Tools

Atom • GitHub • Git Tower • Heroku • Illustrator • Jenkins • Jira • Photoshop • Terminal • Xcode

FRONT END WEB DEVELOPER

Mapleton Hill Media

Jun 2011 - Jan 2012

- Built responsive, cross-browser websites from detailed designs as part of a small front and back-end team.
- Focused on layout accuracy, responsiveness, and consistency across screen sizes and browsers.

Technology

CSS • HTML • JavaScript • jQuery

Tools

GitHub • Pivotal Tracker • Photoshop • Sublime Text

EDUCATION

BACHELOR OF SCIENCE IN WEB DESIGN & DEVELOPMENT

Full Sail University

June 2011