

# Ryland Oehlers

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## EXPERIENCE

### SimplyAgree | Frontend Engineer

Jan 2022 – Present

- Spearheaded the development of a proprietary application, eliminating reliance on a third-party service used across the organization, saving the company \$750,000 annually.
- Built a complex WYSIWYG real-time document editor using React, TypeScript, and dynamic SVG rendering, enabling users to generate and edit signature pages, reducing document turnaround time and eliminating third-party tooling.
- Led the rebuild of a legacy application into a modern, mobile-first platform, improving performance and supporting seamless usage across thousands of users.
- Owned the end-to-end development of a user invitation system across frontend and backend, introducing a searchable dropdown input to replace freeform entry and improve user selection and management.
- Improved performance of a data-intensive table view by implementing row virtualization with TanStack Table and TanStack Virtual, significantly reducing render overhead and improving responsiveness for large datasets.
- Collaborated with product, design, and engineering teams to deliver UX/UI improvements across a production application.

### Excelerate Consulting | Frontend Developer

Sept 2021 – Jan 2022

- Refactored and optimized React components with TypeScript and SCSS, ensuring seamless integration into a cohesive UI/UX framework.
- Collaborated within an agile team to deliver frontend features, participating in code reviews and iterative development cycles.

### Citizen, Ciz Society, LLC | Touring Musician

Jan 2010 – July 2020

- Toured internationally across 15 countries, performing for audiences of up to 10,000 and contributing to the production and release of 6 albums with full lifecycle ownership.

## PROJECTS

### CinePhile | Next.js, Firebase, OMDb API

- Built a movie discovery platform, optimizing performance and enabling dynamic, user-personalized features including search, lists, and ratings.

### Issue Tracker | Next.js, TypeScript

- Designed and deployed a task management system, enabling real-time issue tracking and improving team workflow efficiency.

## TECHNOLOGIES & SKILLS

**Frontend:** React, Next.js, Remix, Astro

**Backend:** Node.js, Express, Django

**Languages:** JavaScript, TypeScript, Python, SQL, HTML, CSS

**Styling & UI:** Tailwind, SCSS, Bootstrap, Blueprint, DaisyUI

**State & Data:** React Query, Redux, Context API, Zustand, TanStack Table, TanStack Virtual

**Testing:** Cypress, Jest, Playwright

**Databases & APIs:** PostgreSQL, Firebase, REST APIs

**AI & Developer Tools:** GitHub Copilot, Claude, Git, GitHub, Vercel, Netlify

**Workflow & Design:** Jira, Notion, Figma, Linear

**Core Competencies:** Responsive Design, Web Accessibility, Performance Optimization, Scalable Architecture

## EDUCATION

**Springboard Bootcamp** | Nov 2020 – Sept 2021

Software Engineering Career Track