

Sean Coleman

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PROFILE

Software engineer with 4+ years of industry experience using TypeScript and JavaScript libraries to build scalable and performant UIs. US Citizen, authorized to work in the United States.

LANGUAGES

JavaScript/TypeScript, Elixir, HTML/CSS

FRAMEWORKS/LIBRARIES

React, NextJS, Angular, GatsbyJS, React Native, Redux, Zustand, Jotai, Tailwind, GraphQL/Relay, Elixir Phoenix/Liveview, PostgreSQL, MySQL

TOOLS

Jest, Cypress, StoryBook, Xcode, Android Studio, Firebase, Docker, Nx, Git, Github actions, AWS, GCP, Cursor, CoPilot

WORK EXPERIENCE

Scoville Ltd., Tokyo, Japan

Software Engineer

March 2023 - March 2026

- As lead frontend engineer, architected and implemented a new user registration, acquisition, and referral pipeline, increasing monthly signup conversion and user retention by more than 30%. (**Typescript, React Native, Relay/GraphQL, Tailwind, Xcode, Android Studio, Google Analytics**).
- Designed and implemented a foundational unit testing framework for the mobile app, achieving full coverage of critical offer workflows (**Jest, React Testing Library**).
- Developed an internal CMS featuring a block-based article editor with rearrangeable content components for client onboarding documentation (**Elixir Phoenix/LiveView, Tailwind, Storybook, PostgreSQL, AWS**).
- Developed a comprehensive redesign for our static business site. Identified inefficiencies and improved SEO to increase customer engagement (**HTML, CSS, Javascript/Typescript, GatsbyJS, MDX**).
- Leveraged AI-assisted tooling (Cursor and GitHub Copilot) to accelerate implementation, code review, and debugging.

Exclaimer Ltd., Bloomington, Indiana

Software Engineer

January 2022 - November 2022

- As frontend engineer for Exclaimer's appointment scheduling application, contributed to a re-write of the frontend web interface from AngularJS 1.3 to Angular 13 (**Angular, RxJS, Nx**).
- Wrote reusable, unit-tested calendar and scheduling components inline with Exclaimer's proprietary component library (**Angular, Storybook, Nx MonoRepo**).
- Helped create a foundational end-to-end testing suite in **Cypress**

Indiana University Department of Physics, Bloomington, Indiana

Research Assistant

August 2020 - July 2021

- Research Assistant/programming assistant for Dr. William Snow's Neutron Spin Rotation experiment at IU CEEM.
- Programmed Cryogen monitor instrument driver using NI LabWindows/CVI for PhD students and researchers to use (C).

EDUCATION

Indiana University, Bloomington, Indiana

May 2021

- B.S. Physics (3.8 GPA)