

Sean Coleman

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Online Portfolio: <https://sean-coleman.com>

PROFILE

Software engineer with **4+ years of industry experience** building scalable, high-performance web and mobile applications across the stack. Experienced with TypeScript, React, GraphQL, Elixir, and relational databases, with a track record of owning features from ideation through production.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Elixir, HTML/CSS

Frameworks and Libraries: React, NextJS, Angular, Node.js/Express, Elixir/Phoenix, GraphQL (Relay), Redux, WebPack, Vite, PostgreSQL, MySQL, Storybook, Jest, Cypress

Tools: Docker, Git, Cursor, Claude Code, CoPilot, Xcode, Android Studio

Cloud Platforms: Github actions, AWS, GCP, Firebase

WORK EXPERIENCE

Scoville Ltd., Tokyo, Japan

Software Engineer

March 2023 - April 2026

- Architected and implemented a new user registration, acquisition, and referral pipeline UI, increasing monthly signup conversion and user retention by more than 30% for our mobile application. (**Typescript, React, React Native, Relay/GraphQL, Tailwind, Xcode, Android Studio, Google Analytics**).
- Built an internal CMS and article editor, developing frontend components and backend business logic (**Elixir, Phoenix/LiveView, Ecto, PostgreSQL, Tailwind, Storybook**).
- Optimized our business website to achieve a 100 Lighthouse performance score through frontend and server-side optimizations (**JavaScript/TypeScript, React, Nginx, AWS**).
- Designed and implemented a foundational unit testing framework for the mobile app, achieving **100%** coverage of critical offer flows (**Jest, React Testing Library**).
- Leveraged AI-assisted tooling (**Cursor** and **Copilot**) to accelerate implementation, code review, and debugging.

Exclaimer Ltd., Bloomington, Indiana

Software Engineer

January 2022 - November 2022

- Contributed to a re-write of the frontend web interface from AngularJS 1.3 to Angular 13 (**Angular, RxJS, Nx, Storybook, Azure Cloud**).
- Helped achieve **100%** test coverage of core features with a foundational end-to-end testing suite in **Cypress**.
- Fixed production issues and bugs across the stack in legacy systems (**AngularJS, Go, Node.js, CouchDB, PostgreSQL**).

EDUCATION

Indiana University, Bloomington, Indiana

May 2021

- B.S. Physics (3.8 GPA)
- Completed research in computational chemistry and computational astrophysics (**Linux, Gromacs, C**)
- Completed independent study on Einstein gravity and quantum field theories in curved spacetime backgrounds.