

Austin Rooks

Software Engineer

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Experienced Software Engineer with a demonstrated history of working in full stack web development. Skilled in TypeScript (React, Qwik), Rust (Actix, Axum), CSS, and SQL (Postgresql). Gumptious and curious. Interested in distributed systems.

Technical Skills

Programming Languages

Rust, JavaScript, TypeScript, Python, Bash, HTML, CSS, SQL

Frameworks/Databases

React/ Redux, GraphQL/ Apollo, Tailwind CSS, PostgreSQL, MongoDB, HTMX, Express, Axum, Actix, Flask, Django, Qwik

Tools

Docker, Git

Experience

Northwestern Mutual | Software Engineer, III Mar. 2024 - Present

Northwestern Mutual | Software Engineer, II Apr. 2022 - Mar. 2024

- * Helped implement an initial subgraph for an entire business vertical in the web and mobile transition to graphql.
- * Reduced the entire client website's LCP by 500ms on average and an almost a full second for p90 requests.
- * Mentored junior developers and helped teach test engineers how to write e2e test.
- * Created a shared module that wrapped a standard express instance that provides easier testing and mocking for front end BFFs.

Oxidized Systems | Owner, Software Engineer Jan. 2021 - Present

- * Previous work includes converting a headless JS app into a Qwik/ Qwik-City (TypeScript) frontend and an Actix (Rust) backend for web and native mobile clients to consume.
- * The frontend scores 100 across every Lighthouse metric on both web and mobile. The backend test coverage is over 65%.

Personal Projects (Self-Hosted)

r00ks.io | Rust, Tailwind CSS, HTMX, Markdown, Typst

A personal website and blog, written in Rust.

- * Minimal JS, uses HTMX for simple and efficient page transitions.

Gathering Surf | Rust, Tailwind CSS

A surf forecast for lake surfers

- * Streams API responses to the client as they are resolved and parsed.

Education

University of Hawaii at Manoa | GPA: 3.69

Aug. 2009 - May. 2013

Bachelor of Arts in English, cum laude