Alex Rokosz

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SUMMARY

Frontend-focused software engineer with 4+ years building production React and TypeScript apps, from the booking experience on choicehotels.com to the data-heavy SBOM platform at RunSafe Security. Owns features end to end, from the PostgreSQL database to reusable, consistent UI components, and works daily with AI tools like Cursor and Claude Code.

EXPERIENCE

RunSafe Security 03/2026 – Present

Software Engineer, SBOM Platform · Software supply chain security for embedded systems, defense and critical infrastructure

- Cut page load times by over 30% on data-heavy SBOM views (thousands of SBOMs with up to 5,000 components, vulnerabilities and licenses each) by adding pagination and lazy loading.
- Built project-level license compliance in Next.js, TypeScript and PostgreSQL, letting users allow or deny specific licenses for each project.
- Cut thousands of license variants to a few hundred by parsing SPDX license expressions and matching license text to real SPDX licenses, making license compliance manageable.
- Own the team's shadcn/ui (Radix UI) and Tailwind CSS component library; consolidated 12+ near-duplicate components and added font, spacing and color guardrails for consistent styling.
- Wrote AI coding rules that keep AI-generated code on the component library and Tailwind tokens, speeding up development without styling drift.

Choice Hotels International 10/2022 – 03/2026

Software Engineer II

- Built and maintained responsive React and Redux features on choicehotels.com, the booking site used by millions of hotel guests.
- Built a refundable-rate option for the booking flow that brings in over $30M in revenue per year, letting guests book a refundable rate for an added cost.
- Worked with product, design and integration teams to turn designs into customer-facing booking features.
- Refactored front-end data fetching from REST APIs to GraphQL.
- Improved developer experience and code health by introducing TypeScript, writing unit tests with Jest and React Testing Library, and using Knip to remove 400+ unused files and 12 unneeded dependencies.

SKILLS

Frontend: TypeScript, React, Next.js, Tailwind CSS, shadcn/ui (Radix UI), Redux, JavaScript (ES6+), HTML5, CSS3, SCSS, design systems, component libraries

Server & data: Node.js, Express.js, PostgreSQL, GraphQL, REST APIs

Testing: Vitest, Jest, React Testing Library, Playwright

Cloud & tooling: Google Cloud (GCP), AWS (S3, Lambda), Cursor, Claude Code

EDUCATION

Software Engineering Immersive, Codesmith
Bachelor of Arts in Psychology, The University of Arizona