Robert Kuykendall Product Engineer from San Antonio, Texas

(210) 204-8391 | robert@rkuykendall.com | rkuykendall.com | github.com/rkuykendall

TypeScript, React, CSS, Redux, MobX, TanStack, Vite, CI/CD, ESLint, Node.js, Component Libraries

Senior product and frontend engineer with 12+ years of experience building complex web applications, design systems, frontend platforms, and AI-powered workflows. Deep expertise in React and TypeScript, with a track record of improving architecture and engineering quality, modernizing large codebases, and shipping new products in startup and enterprise environments.

HubSpot, Senior Engineer II: 10/2024 - Current

- Joined the HubSpot Commerce Hub as part of the acquisition of Cacheflow to build CPQ at HubSpot.
- Helped deliver HubSpot's AI-powered CPQ in under nine months as one of three frontend engineers, rebuilding core Cacheflow workflows on HubSpot's content editing and publishing infrastructure.
- Designed the LLM context-generation and action architecture for AI quote creation and editing.
- Established an LLM evaluation and acceptance-testing suite that identified nine edge-case failures.

Cacheflow, Senior Engineer, Lead Frontend Developer: 08/2022 - 10/2024

- Joined as the first senior frontend engineer and assumed technical ownership of frontend architecture.
- Automated formatting, linting, testing, and type checking, improving code reliability and dev speed.
- Consolidated redundant state-management and UI dependencies into a unified architecture.
- Built a reusable UI platform covering standardized inputs, high-level form components, validation, and complex data tables, improving consistency and reducing the effort required to deliver new features.

Mighty, Senior Engineer, Lead Frontend Developer: 08/2016 - 07/2022

- Led frontend architecture across enterprise, financial, and B2B React applications, including forms, state management, TypeScript adoption, major dependency upgrades, and UI/UX redesigns with designers.
- Built one-third of two new React applications while creating reusable component and utility infrastructure that accelerated feature delivery and enabled backend-focused engineers to build consistent UIs.
- Modernized global application state, including authentication, by moving logic from React lifecycle methods into independently testable modules, making changes safer and easier to validate.
- Created shared testing utilities that eliminated repetitive setup, helped maintain more than 95% test coverage, and enabled broad application changes through centralized test updates.
- Developed a reusable design-system library covering forms, validation, cards, modals, formatting, and error handling, reducing defects and implementation effort across the engineering team.

Thinkful, Engineer: 05/2014 - 06/2016

- Reduced paying consumer churn through improvements to customer settings pages.
- Maintained consistent analytics across a service-oriented architecture through a shared JavaScript library.
- Resolved scaling issues in an ad-performance analytics application through improved data-model design.
- Led SEO and page speed improvements on targeted marketing pages yielding 3x traffic increase.

CS M.Sc. from Columbia University in the City of New York, SEAS May 2015
CS B.Sc. & Honors Studies minor from Texas State University, December 2012