

Saif Chaudhry

PRINCIPAL SOFTWARE ENGINEER | FRONTEND & PRODUCT ENGINEERING

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Principal frontend engineer with 10+ years building complex enterprise security products, from employee #8 and first UI engineer at StackRox through its acquisition and open-source development at Red Hat. Promoted twice in three years and ranked #3 all-time contributor to `stackrox/stackrox` (990+ commits, 475+ merged PRs). Leads customer-facing product delivery, frontend modernization, and adoption of AI-assisted engineering practices across a five-person UI team.

EXPERIENCE

Red Hat — Advanced Cluster Security

Jan 2021 – Present

Principal Software Engineer

2024 – Present

Joined through the StackRox acquisition; the platform was open-sourced as `stackrox/stackrox` in May 2021.

- Led frontend strategy and end-to-end delivery for Base Images, helping security teams distinguish inherited vulnerabilities from application-layer issues; authored the technical design and delivery plan, coordinated with backend, and used a rapid prototype to align product and UX on a dedicated management view that customers found clear and fit for their needs.
- Led frontend delivery of customer-requested reporting that lets security teams create and download ad hoc vulnerability reports directly from filtered image and deployment views; integrated generation, history, and download APIs with RBAC and product analytics.
- Owned a major PatternFly modernization workstream, standardizing 40+ React select implementations across 10+ product areas with reusable typed abstractions that concentrated future changes in shared components; contributed to PatternFly 6 stabilization.
- Drove regular agent-assisted development across a five-person UI team through weekly demos, codified repository guidance, and reusable migration tooling; all five engineers became regular users, and another Principal Engineer adopted the skill-based workflow.

Senior Software Engineer 2022 – 2024 Software Engineer 2021 – 2022

StackRox — Frontend Engineer

Aug 2015 – Jan 2021

Kubernetes security startup acquired by Red Hat; joined as employee #8 and first UI engineer.

- Partnered with three backend engineers to build a React/Redux MVP from near zero; it validated the new product direction, became StackRox's primary product, and replaced the legacy platform.
- Helped hire and onboard a five-person UI team by developing interview questions, establishing frontend conventions, and reviewing work.
- Established the frontend foundation for dashboards, policies, violations, integrations, and RBAC, including URL-linked filtering and reusable table-sorting patterns adopted across Compliance and Configuration Management.

SKILLS

Languages JavaScript · TypeScript · React · GraphQL · CSS
Architecture Frontend architecture · Technical design · Design systems · Frontend platform engineering
Practice Testing strategy · Cypress and E2E testing · Team enablement · AI-assisted development

EDUCATION

University of California, San Diego · B.S. Computer Science and Engineering

2015