Joshua Huang

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Summary

Senior Front-End Engineer with 9 years of experience delivering performant, accessible, and scalable web applications. Proven record of leading design system adoption, migrating legacy platforms to modern stacks, and mentoring teams to ship high-impact features at scale. Skilled at aligning technical solutions with product and business goals in fintech and SaaS environments.

Skills

Front-end & Architecture: JavaScript (ES6+), TypeScript, React, Next.js, State Management (Redux, React Query, Context API)

Testing & Quality: Jest, React Testing Library, Cypress, Playwright, CI/CD pipelines, storybook

Design Systems & UX: component libraries, accessibility, responsive design, Figma collaboration

DevOps & Monitoring: CircleCI, Jenkins, Kubernetes, Docker, Sentry, Datadog

Collaboration & Process: Agile/Scrum, technical design docs, ADR's, story mappping, mentorship

Experience

SENIOR SOFTWARE ENGINEER, CARTA, SAN FRANCISCO, CA – 2021-2025

- Led front-end architecture for equity management and financial reporting tools, enabling thousands of LLC portfolio companies and private equity firms to manage complex ownership data
- Partnered closely with product, design, and internal implementation teams while also joining customer calls – improving usability, accuracy, and accessibility based on both external feedback and internal productivity needs
- Authored ADR's, technical design documents, and user story maps to align engineering, product, and design across all pods – accelerating new engineer onboarding and providing stakeholders with clear visibility into the rationale behind key technical decisions.
- Built internal tools that improved engineering velocity, including a Chrome extension for instant account permission management, a Slack-based decision log adopted across all pods, and a stale feature flag tracker that cut cleanup time by over 70%.

SENIOR SOFTWARE ENGINEER, APPDIRECT, SAN FRANCISCO, CA – 2019-2021

- Partnered with product and design on the checkout system roadmap, aligning engineering execution with business growth.
- Authored comprehensive technical design docs that guided feature delivery across distributed engineering teams.
- Mentored mid-level engineers via code reviews, pair programming, and architectural guidance, improving delivery velocity and code quality.
- Improved checkout performance and reliability, contributing to higher customer conversion rates.

SOFTWARE ENGINEER II, QUALYS, REDWOOD CITY – 2016-2018

- Built and maintained the company-wide design system, delivering reusable UI components for the Qualys Cloud Platform.

- Launched new SaaS security products (File Integrity Monitoring, Indicators of Compromise) with React-based UIs.
- Led front-end refactor of Asset View and Vulnerability Management Dashboard, migrating from Ext.js to React, improving maintainability and performance.
- Standardized UI patterns across multiple front-end teams, reducing design drift and improving consistency.
- Supported back-end teams by designing REST APIs and integrating them with front-end applications.

Education

Hack Reactor - Advanced Software Engineering Immersive, 2016
Coding Dojo - Software Engineering Immersive, 2015
University of California, Irvine, CA – B.A. 2013