Sarah Chen

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 4 years of experience building responsive, accessible web applications. Specialist in React ecosystem and modern JavaScript development. Passionate about UI/UX and performance optimization.

TECHNICAL EXPERTISE

- Frontend Core: JavaScript (ES6+), TypeScript, HTML5, CSS3/Sass
- Frameworks: React, Next.js, Gatsby, Angular
- State Management: Redux, MobX, Recoil, Context API
- Testing: Jest, React Testing Library, Cypress
- Tools: Webpack, Babel, ESLint, Git, JIRA

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer — UX Innovation Co. — San Francisco, CA — 2022-Present

- Spearheaded migration to Next.js, improving page load times by 60% and SEO rankings by 40%
- Led implementation of design system used across 5 product teams
- Reduced bundle size by 45% through code splitting and lazy loading
- Mentored junior developers and established frontend best practices

Frontend Developer — WebScale Tech — San Jose, CA — 2020-2022

- Developed responsive dashboard used by 10K+ enterprise customers
- Implemented A/B testing framework increasing conversion rates by 25%
- Reduced application error rates by 70% through comprehensive error boundaries
- Created reusable component library reducing development time by 40%

NOTABLE PROJECTS

Accessibility Toolkit — Open Source — 2023

- Developed React component library focused on accessibility
- Achieved 100% WCAG 2.1 compliance
- 1000+ npm downloads per month

Performance Monitoring Dashboard — 2022

- Built real-time performance monitoring tool using WebSocket
- Implemented custom visualization components using D3.js
- Reduced performance regression incidents by 65%

EDUCATION

Master of Science in Software Engineering

Stanford University — 2018-2020 — GPA: 3.9/4.0

Bachelor of Science in Computer Science

UC Berkeley — 2014-2018 — GPA: 3.85/4.0

CERTIFICATIONS & ACHIEVEMENTS

- Google Mobile Web Specialist
- \bullet AWS Certified Cloud Practitioner
- Speaker at ReactConf 2023
- Published author on frontend architecture (Medium)