Osama Shoubber

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Santa Clara University, Santa Clara, CA
Bachelors of Science in Computer Science & Engineering

TECHNICAL SKILLS

Frontend: React • TypeScript • JavaScript • GraphQL • Redux • Storybook • Responsive UI • Accessibility
Backend / Systems: Node.js • ExpressJS • REST APIs • MongoDB • MySQL/SQL • OAuth • Webhooks • API Design
Quality / Tooling: Jest • Integration Testing • ESLint • Prettier • Git • Unix/Linux • JIRA
Core Strengths: Product Engineering • Design Systems • UI/UX • Mentorship & Leadership • Documentation • Cross-Functional Communication

WORK EXPERIENCE

Thumbtack Inc., San Francisco, CA **Nov 2023 - Present**
Senior Frontend Engineer

- Led a full rebuild of Thumbtack's web messaging experience, re-architecting the frontend to reach parity with native iOS and Android while improving reliability, maintainability, and product consistency for thousands of users
- Owned complex customer-facing product work end to end: shaped technical approach, defined API contracts, coordinated with design/product/backend, implemented the UI, and drove staged rollout to production users
- Facilitated a ground-up redesign of Thumbtack's UI kit, owning core tokens, semantic tokens, component standards, and implementation guidance for scalable design-system adoption
- Reduced regressions by writing highly testable frontend code with Jest, integration tests, and Storybook coverage for critical flows across messaging and shared UI components
- Improved React performance and responsiveness by profiling render behavior, reducing unnecessary re-renders, tightening component boundaries, and using browser/React debugging tools to diagnose bottlenecks
- Documented architecture decisions, edge cases, screenshots, recordings, and rollout notes in PRs/Jira, enabling effective async collaboration across engineering, design, product, and customer success
- Drove the end-to-end development and rollout of a major engagement feature, integrating APIs, OAuth authentication, and webhooks to connect frontend and backend systems; collaborated across product, design, and engineering to redefine user interaction patterns
- Championed process improvements in deployment workflows and QA handoffs, reducing rollout friction and improving post-launch stability across multiple product teams
- Partnered closely with design to translate token architecture, interaction patterns, and component behavior into reusable frontend implementation standards
- Improved quality across high-traffic surfaces by catching edge cases early with Storybook, PR walkthroughs, and QA handoffs

Ironclad Inc., San Francisco, CA **May 2022 – May 2023**
Full-Stack Software Engineer II

- Designed and developed polished, reusable React components using React, TypeScript, Redux, and Semantic UI/Chakra UI/Material UI for SaaS applications
- Optimized React and CSS code for mobile and tablet viewports, improving performance and user experience on smaller screens
- Implemented responsive and accessible user interfaces that delivered a seamless and intuitive user experience while meeting accessibility standards such as WCAG 2.1 and Section 508
- Collaborated closely with designers, product managers, and other developers to ensure the application's design and functionality were aligned with project vision and goals
- Conducted thorough code reviews, wrote comprehensive unit tests, and ensured code quality using industry-standard tools such as ESLint, Prettier, and Jest to maintain a highly scalable codebase
- Created a living documentation system with Storybook, enabling streamlined sharing and review of components across the team
- Continuously improved the application's front-end design and functionality by staying up-to-date with the latest trends, technologies, and best practices in the React ecosystem

AMD Inc., Santa Clara, CA **July 2020 – May 2022**
Full-Stack Software Engineer II

- Drafted, designed, and developed web applications in React to streamline AMD's engineering processes and engineering team throughput
- Collaborated closely with engineers and manager to synthesize and implement most efficient and effective features to improve user workflow
- Researched, analyzed, and implemented modern UX/UI front-end design patterns using open-source React frameworks and component libraries
- Utilized back-end Node.js libraries / Express to create and connect to RESTful APIs, MySQL, and MongoDB databases to securely send & retrieve data
- Managed multiple projects from start to finish and their deployment, monitoring usage and performance statistics across the board
- Wrote Python and PyPlot scripts to fetch, parse, and analyze large datasets, improving engineering productivity by up to 50%
- Maintained clear technical documentation across active projects
- Achieved exceptional performance in assigned projects, placing into top 5% of engineers during first performance cycle