

Jacob L. Travers

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SUMMARY

Full stack software engineer with 7+ years building high-performance React and TypeScript applications on AWS. Drives measurable outcomes through design systems, automated testing, and performance work—99.8% service availability, 80% less manual data entry, and SEO gains across 60+ organizations.

PROFESSIONAL EXPERIENCE

MXS Solutions

Full Stack Software Engineer

Remote (*PST*)

11/2021—Present

- Architected client-facing, self-service web applications in React, Next.js, and TypeScript on AWS; designed an API-first architecture with modular third-party integration points and Vite-optimized frontend delivery.
- Automated financial data workflows by building a distributed aggregation service unifying multiple providers, cutting manual data entry by 80% and enabling 4 strategic partnerships.
- Consolidated disparate legacy systems into a distributed AWS architecture, reaching 99.8% availability through automated testing and CDN delivery.
- Launched a Design System and Storybook component library adopted across multiple products, increasing team onboarding capacity by 30% and ensuring UI consistency.
- Established a TDD culture with Vitest unit tests and Playwright end-to-end suites for complex, real-time web applications, catching regressions before release instead of in production.
- Drove Core Web Vitals and accessibility initiatives that delivered measurable SEO and UX gains across 60+ client organizations.
- Partnered with product and design (Figma) to define scope and delivery plans; mentored junior engineers and led technical interviews.

Front End Software Engineer

02/2019—11/2021

- Led 18 templated webpage products with responsive, accessible design; SEO and CRO improvements raised SERP rankings and increased CTR by 20% on average.
- Built and evolved a reusable React and Tailwind CSS component and animation library, improving cross-platform responsiveness and increasing delivery velocity by 20%.
- Standardized information architecture and naming conventions across 3 departments and 42 team members, improving usability and maintainability.
- Shipped a new e-commerce storefront on Salesforce Commerce Cloud for a large-scale client, supporting over \$10 million in revenue.
- Partnered with back-end teams to design and deliver features across 4 projects, earning a promotion to Full Stack Software Engineer.

TECHNICAL SKILLS

Languages: TypeScript | JavaScript | Python | Go | Rust | SQL | HTML | CSS

Frontend: React | Next.js | Redux | Tailwind CSS | Storybook | Vite | D3.js | Responsive & Accessible Design

Backend & Infrastructure: Node.js | Express | GraphQL | PostgreSQL | MongoDB | AWS | Docker | Kubernetes | Terraform | CI/CD

Testing & Tools: TDD | Vitest | Jest | Playwright | Figma

EDUCATION & CERTIFICATIONS

AWS Certified Cloud Practitioner | UC Irvine: Programming with Google Go | AlgoExpert Front End Assessment