

## Russel Fones

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## Summary

Staff-level software engineer focused on frontend-heavy, data-intensive SaaS platforms in regulated enterprise environments. Led architecture and delivery of multi-tenant React and TypeScript systems supporting thousands of enterprise users. Early engineer at high-growth startups including Cribl, owning frontend platform architecture, authorization systems, and cross-team technical strategy. Known for high ownership, sound technical judgment, and shipping reliable systems in ambiguous, fast-moving orgs.

## Technical Skills

**Frontend:** React, TypeScript, Next.js, JavaScript, Tailwind CSS, Shadcn/ui

**Backend:** Node.js, Express, REST APIs, DynamoDB, PostgreSQL, Drizzle ORM, Python

**Platform & DevOps:** Vercel, Docker, Supabase, Git, NPM, CI/CD, Sentry

**Auth & Security:** Auth0, AWS Cognito, OIDC, SAML, RBAC, Multi-tenant auth models

**Quality & Delivery:** Jest, React Testing Library, Playwright, Cypress, WCAG accessibility

## Impact

- Set technical direction for frontend platform and identity architecture while driving cross-org initiatives across product, platform, and core teams.
- Designed and shipped RBAC and SSO systems for SOC 2 and FedRAMP-aligned environments, reducing enterprise onboarding time by ~40 percent.

## Experience

Cribl — *Remote*

### Staff Software Engineer

Nov 2022 – August 2025

- **Architected the frontend platform** for a large-scale, multi-tenant React and TypeScript application supporting thousands of enterprise users and high-volume identity and event data.
- **Designed and optimized complex, data-heavy admin UIs**, eliminating frontend performance bottlenecks while improving correctness and traceability for security-conscious enterprise customers.
- **Led the end-to-end design and implementation of multi-tenant authorization** and RBAC systems used in SOC 2 and FedRAMP-aligned environments.

- **Drove a cross-org redesign of RBAC for a multi-workspace SaaS architecture**, shifting from org-level tokens to workspace-scoped roles via cloud APIs and aligning product, platform, and core teams on a scalable model adopted company-wide.
- **Delivered SSO integrations using Auth0, OIDC, and SAML**, enabling bring-your-own IdP support and reducing enterprise onboarding time by roughly 40 percent.
- **Led a Next.js v12 to v14 migration**, shipping measurable improvements in performance, accessibility, and developer velocity while reducing long-term maintenance risk.
- **Owned cross-functional API design and drove frontend implementation** for user, team, and role management, improving admin self-service and reducing enterprise support load.

### Senior Frontend Software Engineer

Feb 2021 – Nov 2022

- **Migrated customer authentication from AWS Cognito to Auth0**, unblocking enterprise identity federation and simplifying long-term auth maintenance.
- **Built reusable UI primitives** for user provisioning, role assignment, and invitations, accelerating delivery and standardizing identity workflows across multiple product teams.
- **Partnered closely with product and design** to redesign account creation, login, and invite flows, reducing friction and improving time-to-value for new customers.
- **Stabilized high-traffic identity and account workflows** by expanding frontend test coverage and delivering targeted fixes, improving production reliability for thousands of daily users.

### One Legal — *Petaluma, CA*

#### Senior Software Engineer

Sep 2018 – Feb 2021

- **Replaced .NET MVC components with mobile-first React SPAs**, improving performance and delivering a modern user experience across devices.
- **Developed internal, data-driven tools for field teams to update order statuses in real time**, reducing SLA times and improving customer satisfaction.
- **Spearheaded accessibility upgrades to achieve WCAG compliance**, ensuring inclusivity and reducing legal risk.

### AVRS — *Petaluma, CA*

#### Senior Software Engineer

2011 – 2017

- **First engineering hire**, partnering directly with founders to build and scale the product from early-stage foundations to a production SaaS platform.

- **Re-architected legacy applications with Backbone.js and modern JavaScript**, significantly boosting usability, maintainability, and team velocity.
- **Developed VIN decoding tools and AJAX-based UI features**, reducing manual data entry and improving customer experience.
- **Acted as a technical lead and decision-maker** for high-impact initiatives with direct visibility to senior leadership.

## Maritz Travel Company — *Walnut Creek, CA*

### Senior Web Developer

2002 – 2011

- **Owned end-to-end development of 20–30 custom registration sites annually**, delivering on tight deadlines for major corporate events.
- **Built internal bulk import tools for staff**, streamlining data entry and reducing manual processing overhead.
- **Developed an interactive 2D floorplan tool for corporate customers**, enabling exhibitors to view venue layouts and self-select booths, simplifying sales and reducing manual coordination.

## Zelerate — *San Mateo, CA*

### Lead Template / UI Specialist

2000 – 2001

- **Designed UI for an open-source eCommerce platform**, contributing to both core product and high-profile client implementations.
- **Promoted from professional services to development team within one year**, recognizing strong technical contributions.