

Travis Baker

Principal Software Engineer | Web Platform Architect

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SUMMARY

Principal Software Engineer with 10+ years building application and developer platforms across frontend architecture, APIs, cloud delivery, security, and CI/CD. Sets multi-year technical direction while remaining hands-on, leading incremental migrations, establishing durable guardrails, and mentoring engineers through ambiguous work.

CORE CAPABILITIES

Application platforms: TypeScript, React, Remix, Node.js, server-side rendering, composable frontends, micro-frontends

Developer platforms: NX, Vite, monorepos, build graphs, CI/CD, infrastructure as code, observability

APIs, security, and cloud: GraphQL, NestJS, authorization patterns, AWS, Google Cloud, Cloud Run, Cloudflare, Terraform, Pulumi

Technical leadership: Architecture strategy, incremental migrations, cross-team standards, developer enablement, mentorship, AI-assisted engineering workflows

PROFESSIONAL EXPERIENCE

Bestow | Remote | July 2021 - Present

Principal Software Engineer | February 2025 - Present

Staff Software Engineer | February 2023 - January 2025

Senior Software Engineer 2 | July 2021 - January 2023

- Originated and architected a two-generation composable frontend platform, evolving partner-specific application paths into configuration-driven modules and independently deployable, rollbackable release units; Vite optimization and guardrails reduced measured Brotli bundle sizes by **approximately 12% to 56% across three modules**.
- Owned the technical strategy for migrating four applications into an NX monorepo that grew to **more than ten applications**, sequencing adoption without disrupting delivery and enabling reusable libraries, atomic design-system updates, and cross-application validation.
- Selected Remix and built organizational alignment for a server-side web platform, then designed reusable Cloud Run deployment, infrastructure-as-code, and private-networking patterns that expanded from the first production migration to all applications.
- Designed and implemented the selected NestJS backend-for-frontend solution after a technical bake-off, delivering the initial service and endpoint in three days and establishing authorization guardrails later adopted across all applications.
- Designed and owned a controlled hotfix pipeline that reduced urgent production delivery from **approximately 90 minutes to 20 minutes - a 78% improvement** - across all frontend applications and services while retaining branch-scoped permissions and service-level safety checks.

Pumpjack Dataworks | Lead Software Engineer | Plano, Texas and Remote | January 2020 - July 2021

- Architected configurable multi-tenant SaaS foundations and a rich GraphQL API, established shared frontend systems and testing practices, and led and mentored a new engineering team.
- Automated CI/CD work from approximately one hour of manual effort to two minutes, reported as saving hundreds of hours over the following year.

Intuit | Software Engineer | Plano, Texas | March 2019 - January 2020

- Led stack-modernization and developer-experience initiatives, strengthened a shared component library, delivered tested full-stack features, and mentored engineers through recurring technical collaboration.

USAA | Software Engineer | Plano, Texas | January 2016 - February 2019

- Engineered reusable enterprise React infrastructure that reduced application build-and-release time from approximately three months to two weeks while providing shared templates, components, authentication, and environment-aware utilities.

EDUCATION

Bachelor of Science in Software Engineering, Brigham Young University-Idaho | December 2015