

CHAD ELLIOTT

SOFTWARE ARCHITECT / STAFF ENGINEER

Modern Web Platforms • Distributed Systems • Developer Tooling

CONTACT

EMAIL
chad.d.elliott@gmail.com

LOCATION
Kansas City, MO

LINKEDIN
https://linkedin.com/in/thethechad

GITHUB
https://github.com/thethechad

FRONTEND

- React
- NextJS
- Zod
- Zod Fixture
- React Hook Form
- MUI
- Redux
- React Query
- XState
- Tailwind

BACKEND

- NodeJS
- REST APIs
- GraphQL
- EffectTS

SUMMARY

Staff-level software engineer specializing in modern web platforms, developer tooling, and large-scale application modernization.

Experienced in leading migrations from legacy systems to modern React/TypeScript architectures, building CI/CD platforms, and designing developer infrastructure that accelerates team velocity. Known for introducing strongly typed APIs, state-machine driven workflows, and systems that enable parallel development across distributed teams.

WORK EXPERIENCE

Solutions Architect

Sep 2023 – Mar 2026

National Insurance Producer Registry · Kansas City, MO

Led modernization of a legacy Java/JSP application suite into a modern React + TypeScript platform backed by Java APIs.

Key impact:

- Architected a React component platform used across multiple applications, standardizing UI patterns and significantly reducing frontend implementation time.
- Built a Kubernetes-based CI/CD platform (GitLab + Helm + EKS) supporting dynamic preview environments and reducing build times from 15 minutes to 8 minutes.
- Designed a dynamic form platform using JSONLogic to centralize business rules and validation across frontend and backend licensing systems.
- Introduced state-machine driven workflow architecture using XState, enabling automatic generation of diagrams used by product and engineering teams.
- Implemented a type-safe API development platform using Zod, Zodios, and zod-fixture, enabling frontend teams to develop independently from backend services.
- Established engineering office hours and architecture mentorship, accelerating adoption of the new frontend platform across teams.

TECHNOLOGIES | *TypeScript • React • Next.js • XState • Zod • React Query • GitLab CI • Kubernetes • Helm • AWS EKS • Bash • JSONLogic • Zodios • Zod Fixture*

INFRASTRUCTURE

- Docker
- GitLab
- Github
- Git
- AWS
- Kubernetes
- Helm

LANGUAGES

- TypeScript
- JavaScript
- ECMAScript
- HTML
- CSS
- Bash
- PHP
- SQL
- C++
- Python

EDUCATION

University of Nebraska at Omaha (UNO)
Computer Science

Software Engineer

Mar 2021 – Jan 2023

TripleBlind · Kansas City, MO

Modernized a React-based application platform and established frontend architecture standards.

Key impact:

- Migrated the build system from Create React App ’ Vite, improving developer feedback cycles and increasing HMR performance by ~2×.
- Implemented multi-stage Docker builds, reducing production container size by ~66%.
- Established frontend architecture standards using MUI, Redux, and React Hook Form.
- Upgraded the application to React 17 and introduced error boundaries and Suspense, improving application stability.
- Partnered with design and product teams to define UX patterns and improve development workflows.

TECHNOLOGIES | *React • Vite • Docker • Redux • MUI • React Hook Form*

Marketing Automation Strategist

Jan 2016 – Mar 2021

Excelerate Digital · Kansas City, MO

Designed distributed automation systems that transformed incoming marketing leads into revenue-generating pipelines across internal and third-party platforms.

Key impact:

- Built microservice-based automation workflows integrating multiple SaaS platforms across the marketing and revenue pipeline.
- Implemented job queue and messaging systems to coordinate asynchronous processing across services.
- Defined API integration contracts across internal and third-party systems to enable end-to-end automation.
- Partnered with analytics and data engineering teams to align automation pipelines with downstream reporting systems.

TECHNOLOGIES | *Salesforce • Workday • Basecamp • Simpli.fi • Google Campaign Manager (DCM) • Display & Video 360 (DBM) • Amazon • SupportBee • Google Tag Manager • Google Analytics • Tableau Server • Looker*