

AUSTIN AKERS

Senior Software Engineer / Senior Developer Advocate

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Technical Skills

Languages & Runtimes: TypeScript, JavaScript, Node.js, HTML5, CSS3/Sass, GraphQL, SQL, NoSQL

Frameworks & Libraries: React, Next.js, Vue 3, Nuxt 4, Fastify, TanStack, REST APIs

Architecture & Core Concepts: LLM Agent Orchestration, Distributed Systems, Monorepo Architecture, Micro Frontend, Component Libraries, Telemetry & Analytics, API & SDK Development/Integration

Work Experience

HARPER | Head of Developer Relations | Nov 2025 – Sep 2026

- Architected and deployed an autonomous 5-agent LLM pipeline streamlining DevRel technical content generation, cutting delivery time and content turnaround by 60%+.
- Led developer education, community strategy, and technical onboarding/enablement demos for enterprise partners across the Harper ecosystem.
- Hosted the Harper SELECT * podcast, driving technical deep-dives with ecosystem leaders on distributed systems, DBMS architecture, and open-source tooling.

HARPER | Developer Experience Engineer | Oct 2024 – Nov 2025

- Architected and built a new Distributed Database Management System (DBMS) UI and Orchestration layer from the ground up using React and TanStack libraries.
- Designed and shipped the Harper Server Log Viewer within one week, resulting in a 300%+ increase in forward deployment engineers independently isolating and debugging customer issues.
- Maintained and optimized legacy database management interfaces during the platform transition.

SPRING HEALTH | Senior Software Engineer | Mar 2023 – Oct 2024

- Core contributor to an enterprise-scale monorepo upgrade from Node.js 14 to 21 across 240+ dependency upgrades; spearheaded the active codebase migration from JavaScript to TypeScript.
- Engineered the late-cancellation workflow and UI, driving a ~34% reduction in care-support tickets and decreasing related operations expense per appointment by ~25%.
- Co-built the insurance integration interface, materially reducing member intake failures and insurance-related support inquiries.
- Founded and facilitated the bi-weekly Front-End Learning Group, educating 30+ engineers per session on modern framework architectures, state management, and performance standards.

MICROSOFT | Software Engineer II | Aug 2020 – Feb 2023

- Pivoted Microsoft Certifications from Credly by building a W3C-compliant Verifiable Credential Service and frontend credential issuing UI.
- Co-engineered a high-volume parsing and migration engine for Microsoft Channel 9, successfully migrating 95%+ of video archives dating back to the early 2000s into Microsoft Learn.
- Owned the Fastify major version upgrade (2.15.x to 3.x.x) and extensive type-system refactor powering the core rendering engine for docs.microsoft.com.

- Architected and migrated docs.microsoft.com telemetry to a modular frontend analytics layer supporting parallel library execution and vendor decoupling.
- Contributed to the Microsoft Decentralized/Plural Technology Collaboratory and partnered with GitHub engineering on an experimental developer feature.

ALLSTATE | Senior User Interface Engineer | May 2018 – Aug 2020

- Co-led performance re-architecture and optimized client-side data flows for the MileWise application, delivering a 300% improvement in load times.
- Led the Angular 2.0 MVP redesign and consolidated shared components into Allstate's unified Angular Pattern Library.
- Engineered reusable UI components and documentation for the enterprise React Pattern Library.
- Awarded the organization-wide "Be The Leader Award" twice (March 2019, April 2019) for cross-team technical leadership.

EARLY CAREER FRONT-END & SOFTWARE ROLES | 2016 – 2018

Delivered production client applications, responsive UIs, and SPA frontend architectures across contract and full-time engineering engagements at **IntelliCentrics** (Software Developer, 2018), **Ambit Energy** (Contract Developer, 2017–2018), **Cambium Learning Group** (Contract Engineer, 2017), **Wavcatcher** (Front End Developer, 2016–2017), **Pixels and Profit** (2016–2017), and **Speetra** (2016).

Speaking Engagements

- **RenderATL (2026)**: Hosted Node.js Interactive Track (The OpenJS Foundation / Linux Foundation)
- **RenderATL (2025)**: "Trials and Tribulations of Self-Hosting Next.js" (w/ Ethan Arrowood)
- **JavaScript Global Summit (2024)**: "Demystifying the ECMAScript Specification"
- **TypeScript Global Summit (2024)**: "Contributing to a TypeScript Monorepo Migration"
- **Year Up (2024)**: Guest Speaker, Multisite Software Development Series
- **Vue.js Global Summit (2023, 2021)**: "Building a Vuetify Component from Scratch" & "What's New in Vuetify 3"
- **OpenJS World (2021)**: "Upgrading to Fastify 3"
- **ETHDenver (2022)**: "5 Lessons Learned Contributing to an Ethereum Open Source Project"
- And more....

Leadership & Advisory

OpenJS Program Committee Member: The Linux Foundation (Feb 2026 – Present)

Advisory Committee Member: Collin College Web & Mobile Development (Apr 2020 – Present)

Co-Organizer: Dallas Software Developers / freeCodeCamp Dallas (Jan 2017 – Jan 2025)

Community Boards: Northshore Community Church (2023–2025) | Toastmasters VP Education (2019–2020) | Collin County Black Chamber of Commerce (2019–2021)