

Eshin Griffith

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Senior Software Engineer | TypeScript, Node.js, Backend Platforms, AI Systems & AWS

PROFESSIONAL SUMMARY

Senior software engineer and technical lead building TypeScript backend platforms, AI agent systems, API integrations, and cloud infrastructure. Leads system design and cross-functional product delivery from discovery through production operations, with a focus on deployment automation, incident response, developer tooling, CI/CD, and typed, testable systems.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript, Node.js, Effect, Express, Vue

APIs & Systems: AI and voice agents, System Design, GraphQL, REST APIs, OpenAPI, JSON Schema, RPC, WebSockets, ETL, real-time audio

Cloud, Quality & Delivery: AWS Lambda, Step Functions, CDK, Docker, Kubernetes, OpenShift, Jenkins, Jest, Automated Testing, Unit Testing, End-to-End Testing, CI/CD, Git

PROFESSIONAL EXPERIENCE

ChiroHD | June 2025–Present

Senior Software Engineer

- Lead four engineers and coordinate 5–10 product, go-to-market, support, and executive stakeholders as Alina’s primary technical decision-maker, advancing a hackathon prototype into a SKED-integrated voice scheduling product serving ~45 enabled offices, ~60 agents, and 1,000–1,500 monthly calls.
- Analyzed 4,344 calls across 35 beta offices—including after-hours demand, booking funnels, outcomes, duration, and cost—to inform an executive decision to extend rollout by 6–8 weeks; owned billing specifications and implemented migration and post-call metering hooks.
- Built a reusable TypeScript/AWS platform around generated OpenAPI clients and namespaced ElevenLabs reconciliation; cut robust, versioned agent/config deployments to ~30 seconds, redeployed the fleet in minutes, and powered 549 production Step Functions runs with a 99% success rate.
- Increased passing voice-agent scenarios from 32 to 84 across six workflows, catching prompt/tool regressions and replacing most nuanced manual testing; ephemeral environments let 4–5 engineers work independently, while systemic fixes reduced beta incidents after resolving ~75% of 20–30 reports the same day.

Kollacode | 2019–June 2025

Senior Full-Stack Engineer | Promoted to Senior in 2023

- Led development of EDIT, an enterprise ETL platform processing 6,000+ data loads annually for IBM Marketing, reducing processing time from 8 hours to 30 minutes.
- Reduced client-side data-processing latency from minutes to milliseconds through Web Worker-based performance optimization.
- Developed an automated OpenAPI documentation generator for REST services that converts TypeScript types to JSON Schema.

SELECTED OPEN SOURCE

effect-herdr | TypeScript, Effect | github.com/egriff38/effect-herdr

Built a typed Effect SDK for a terminal-native agent multiplexer; fixed seven reproduced protocol and schema defects, expanded its typed RPC surface from 14 to 62 operations, and removed a redundant RPC round trip with regression coverage.

effect-graphql | TypeScript, Effect, GraphQL | github.com/egriff38/effect-graphql

Prototyped a code-first GraphQL layer over Effect Schema and RPC, then published authorization and testing guides with an integrated documentation site.

EDUCATION

Bachelor of Science in Applied Mathematics | Kennesaw State University | December 2019

Earlier Experience: Engineering Intern, Headwaters (2019); Webmaster, Candlelight String Quartet (2012–2019)