

Eric Dodson

Senior Software Engineer | AI-Driven Development | Enterprise Systems Architecture

TECHNICAL SKILLS

Languages & Runtimes: JavaScript (ES2024+), TypeScript, Java, HTML5, CSS3, Node.js

Frameworks: Next.js, Nest.js, React, Spring Boot 3.x, Angular 20+

AI/ML Development: Cursor, Kiro, Claude Code — prompt engineering & spec engineering

Enterprise AI Tooling: MCP server development, AI agent orchestration, global AI steering systems

Cloud & Infrastructure: AWS, microservices architecture, zero trust security, CI/CD pipelines

Observability: Grafana, New Relic, production log monitoring & performance tuning

Security & Compliance: PII/PHI data handling, HIPAA compliance, security-first development

PROFESSIONAL EXPERIENCE

Sr Software Engineer | Sharecare

2021 - Present | Remote

Enterprise AI Tooling & Developer Productivity

- Partnered with SVP to establish enterprise-wide AI tooling strategy; architected global AI steering systems that inject infrastructure context, auth patterns, and security guidelines into AI coding sessions — improving output quality and reducing token costs across the engineering org
- Built and standardized reusable AI infrastructure for the entire team: MCP servers for production log querying and test user generation (via Faker + Playwright MCP for end-to-end testing), AI agent for Threatlocker issue resolution, New Relic MCP integration, and a proprietary SKILL encoding Sharecare's cloud infrastructure and auth patterns
- Engineered AI skill to auto-generate regression harnesses for major version security updates, unblocking critical security debt across dozens of unmaintained microservices and turning a months-long effort into an automated workflow

AI-Assisted Full Stack Delivery

- Delivered fully branded white-label Sharecare health app for AutoZone employees entirely via AI-assisted development (Kiro + spec engineering): IDP login integration, custom discount card wallet, branded onboarding portal, and CI/CD pipeline updates supporting Xcode 26 — led UAT directly with AutoZone employees through full production rollout
- Leveraged Claude Code and kiro-cli to manage enterprise-scale codebase across multiple repositories and technology stacks; rapidly delivered a Next.js test data generation app at SVP request using AI-assisted development, and led mobile app delivery with zero prior mobile experience after team restructuring

Self-employed | Tigerface Systems

2019 - Present | Remote

- Co-developed and launched two Salesforce AppExchange products; built Lightning Web Components and APEX REST APIs with full product lifecycle ownership

UI Developer | CareFirst BlueCross BlueShield

2015 - 2021 | Hybrid | Maryland

- Led development of Angular-based member portal serving millions of healthcare users at a major regional health insurer; owned frontend architecture, component design, and HIPAA-compliant handling of PII/PHI data
- Built Java REST APIs for member-facing applications and maintained corporate component library adopted across multiple development teams

EDUCATION

Bachelor of Science in Computer Science

2013 - 2015

Towson University | Towson, Maryland