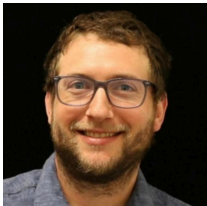**Full Stack, DevOps & GenAI Specialist**

Brian Anderson

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Enterprise Solutions Architect & Technical Leader specializing in GenAI integration, Cloud Native transformation, and DevOps at scale. Proven track record of leading multi-team deliveries for Fortune 500 companies, specializing in migrating monolithic systems to Kubernetes-based microservices and implementing AI-driven automation. Expert in AWS/GCP architecture, CI/CD standardization, and bridging the gap between executive strategy and technical execution. Currently focused on pioneering **Agentic AI** at scale to drive measurable business automation and customer outcomes.

Skills

Cloud & Infrastructure	AWS (Current), Google Cloud, CloudFormation/CDK, Terraform, Kubernetes (EKS/GKE), OpenShift, Networking (VPC/TGW), Amazon Connect, Amazon Quick
Generative AI	Kiro (Amazon Q Developer), Amazon Bedrock, Agentcore, MCP (Model Context Protocol), RAG, Prompt Engineering, Python, LangGraph, Strands SDK, VoltAgent SDK, GitHub's SpecKit, FissionAI's OpenSpec, BMAD, AI-DLC (AWS's AI Development Lifecycle Framework)
DevOps & CI/CD	Platform Engineering, GitHub Actions, GitLab CI, Helm, Jenkins, Spinnaker
Development	Java (Spring Boot), Node.js, TypeScript, Angular, React
Data & Messaging	PostgreSQL, DynamoDB, Redis, Pub/Sub, Kafka, EventBridge
Enterprise Strategy	Executive Stakeholder Management, Solution Discovery, Strategic Roadmapping, Cross-Functional Leadership

Experience

Amazon Web Services / Enterprise Solutions Architect

September 2024 - PRESENT, Denver, CO

Strategic Technical Advisory (Auto/Manufacturing): Partnered with Greenfield enterprise customers to identify high-impact business opportunities for **Logistics Control Towers** and **AI-driven quality analysis**. Led discovery sessions, serving as the technical catalyst to mobilize AWS Professional Services and industry-specific specialists for delivery.

Customer Trust & Modernization: Directed an **Amazon Connect** pilot for a global manufacturer to automate customer support via SMS, **enabling the expansion of business support hours**. Architected a **Document Management System** integrated with **SAP ERP**, successfully leveraging this high-visibility win to earn executive trust and establish a long-term roadmap for comprehensive cloud migration.

GenAI Innovation & Automation: Engineered a custom GenAI agent platform using **Amazon Bedrock** and **Agentcore**, reducing team administrative overhead by **~4 hours/week**. Focused on improving **CRM data hygiene** and automated note-taking to provide leadership with enhanced visibility into customer engagement trends.

Product Influence & Ecosystem Integration: Championed **Amazon Q Developer (Kiro)** by driving the prioritization of bi-directional AI collaboration, enabling agentic features to capture and synchronize with manual user updates during pair-programming sessions. Engineered integrations for **GitHub's SpecKit** and **FissionAI's OpenSpec**, earning a public commendation from the SpecKit team and driving high demand for internal customer-facing consultations.

Valtech | Kin + Carta / Technical Director

March 2024 - September 2024, Denver, CO

Cloud Modernization Strategy: Partnered with C-suite stakeholders to lead the migration of a mission-critical Credit Card portfolio from legacy Websphere and PCF environments to **OpenShift (OCP)**. Orchestrated the transition of 6 core applications with zero downtime.

Engineering Excellence: Pioneered a "Quality First" mandate by implementing **TDD** and automated **CI/CD guardrails**. Reduced deployment cycles from monthly releases to multiple on-demand daily deployments while maintaining strict financial sector change management compliance.

Scalable Architecture & Enablement: Standardized enterprise-wide integration patterns using **Helm Charts** and **Kubernetes Operators**. This enabled seamless, "first-class" adoption of observability tools (**Datadog/Instana**) and AWS services (e.g., **RDS for PostgreSQL**) across multiple delivery teams.

Kin + Carta / Senior Technical Principal

November 2021 - March 2024, Denver, CO

Enterprise Platform Engineering: Designed and evangelized a "Golden Path" for cloud adoption for a major Food

Distributor, standardizing product provisioning and CI/CD templates across **GitLab, SonarCloud, NexusIQ, and Apigee** to enable rapid, secure deployment cycles.

Infrastructure as Code (IaC) & Governance: Developed a comprehensive library of shared **Terraform Modules** and **Liquibase** patterns, ensuring infrastructure consistency, security compliance, and automated budgetary guardrails across all enterprise product teams.

Solstice | Kin + Carta / Technical Principal

January 2017 - November 2021, Denver, CO

Google Cloud Ecommerce Transformation: Architected a high-concurrency ordering platform using **Angular** and **Java Spring Boot** microservices on **Google Kubernetes Engine (GKE)**. Integrated **Firestore, Pub/Sub, and Memorystore**, scaling the team to 60+ developers and achieving 8–9 production deployments per day via **Spinnaker**.

Mobile Architecture (Agriculture): Led the Android architecture for a global satellite/drone data solution, ensuring implementation parity with iOS. Built a dual-platform CD pipeline using **Fastlane, Jenkins, and Docker**, integrating **AWS Device Farm** for automated testing and **Mapbox** for complex geospatial data visualization.

Innovation Leadership: Engineered an internal DevOps framework for standardized cross-platform mobile distribution, reducing release overhead from 4 weeks to 1 week for **6 production-supported applications**.

Solstice | Kin + Carta / Senior Technical Consultant

July 2015 - January 2017, Chicago, IL

Enterprise Mobile Strategy: Served as Solution Architect and Tech Lead for native iOS and Android applications for a Global Fast Food enterprise, overseeing complex integration with the **ServiceNow** platform.

Modernization Roadmaps: Led technical sales engagements for large-scale fleet management clients, performing architectural audits and providing strategic roadmaps to modernize legacy platforms and UI/UX.

Innovation & R&D Leadership: Spearheaded R&D projects involving **Raspberry Pi (Flask), Oculus Rift (Unity 3D), and Amazon Echo** to demonstrate experiential commerce at industry conference (Solstice FWD).

Location-Based Services: Architected a high-traffic healthcare conference application utilizing **iBeacons (BLE)** for proximity-based notifications and **Parse** for real-time messaging.

Solstice / Technical Consultant

April 2014 - July 2015, Chicago, IL

iOS Product Delivery: Acted as sole developer and architect for a premium **Swift-based iOS application** for a high-profile executive society, transitioning a legacy subscription model into a user-centric mobile experience.

Web & Hybrid Development: Architected an **AngularJS** web application for a specialty food distributor, implementing automated deployment pipelines using **Octopus and TFS**. Integrated **Chart.js** via custom WebViews into native mobile apps for a wealth management company using **Bower and Gulp** for streamlined package management and integration.

Solstice Mobile / Technical Analyst

June 2013 - April 2014, Chicago, IL

Financial Services Engineering: Delivered core mobile features for a large financial services client in 4-week sprints, including **Photo Check Deposit**, **Scheduled Payments**, and a complete home screen refactor using **Auto Layout**.

Education & Early Career

University of Wisconsin - Madison / B.S - Computer Science

August 2009 - May 2013, Madison, WI

Space Science and Engineering Center / Web Developer and Database Management

June 2010 - May 2013, Madison, WI

Certificates

AWS Certified Solutions Architect - Professional

July 2025 - July 2028

AWS Certified SysOps Administrator - Associate

February 2025 - February 2028

AWS Certified Developer - Associate

January 2025 - January 2028

Google Cloud Professional Architect

May 2018 - May 2020