

Geoffrey Dagley

Cloud Engineering Leader / Passionate Technologist / Innovative Builder

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Summary

Building and scaling **cloud-native, serverless, microservice, and microfrontend** platforms. Known for turning big ideas, **100+ patents**, into secure, **data-driven** products that delight millions of users. Recruits and mentors high-performing teams, drives innovation, and aligns technology with business strategy to accelerate growth.

Leadership & Strategy

- **Partnered with Product, Design, and Operations** to sharpen feature intake, cut tech debt, and ship faster while boosting developer satisfaction in the process.
- **Defined product roadmaps that track business goals**, streamlining operations, speeding releases, and elevating customer experience.
- **Built and scaled engineering teams** from startup to enterprise size, rolling out agile, pod-based structures with clear product ownership.
- **Focused on continuous learning, innovation, and career growth** to improve retention and engagement.
- **Hired and developed top engineering talent**, cultivating future leaders and a strong, scalable culture of engineering excellence..

Technical Expertise

- **Cloud & Infrastructure:** AWS, GCP, IaC, Kubernetes, Docker, Serverless, Microservices, Microfrontends
- **Data & Analytics:** Big Data, Streaming Data, Data Lakes, Data Warehouses, Data Pipelines
- **Languages & Frameworks:** Dart, JavaScript, Ruby, Java, Spring, Spring Boot, Objective-C, C#, Python, Lua, SQL
- **Mobile & Game Development:** Flutter, iOS, Android, Unity, Corona, Ionic, RubyMotion
- **Web Technologies:** React, Ruby on Rails, jQuery, Angular, HTML, CSS, Tailwind
- **Databases & Caching:** DynamoDB, Postgres, MySQL, Redis, Memcache
- **Operating Systems:** macOS, iOS, Android, Windows, Unix

Experience

Blockit

McKinney, TX

VP of Engineering – Healthcare SaaS

Mar 2024 – Jan 2025

- **Scaled the organization from 6 to 28** (engineers, QA, data) and spun up **7 pod-based, cross-functional teams**, accelerating release cadence and clarifying ownership.
- Rebuilt the intake workflow and tightened stakeholder feedback loops leading to **improved time to market by 75%** (40 to 10 days).
- Improved **internal engagement** and sped **onboarding and knowledge sharing** across the teams through activities like **"Focus Fridays"** and bi-weekly **Lunch & Learns**.
- Ran a full **security & scalability audit**, and began migrating infrastructure to **Terraform IaC**, removing **critical CVEs, ensuring compliance**, and reducing deployment effort in the process.
- Expanded automated tests and observability, slashing **P1 incidents** and reducing after-hours pages, restoring team focus.
- Partnered with Product & Ops to harden QA gates, driving **significantly fewer production bugs** and increasing ability to ship faster.

Capital One

Plano, TX

Director, Software Engineering – Credit Card

Mar 2023 - Feb 2024

- Unified several fraud-detection engines into a **serverless, AWS-driven microservice platform** that consumes **streaming data** and big-data signals in real time, cutting rule-deployment friction and simplifying ops.
- Re-tooled four fully remote teams to stay ahead on **tech upgrades, security fixes, and microservice hygiene**, lowering run costs and turning weekly releases into the norm.

Director, Software Engineering – Auto Finance

Feb 2022 - Mar 2023

- Took Capital One's auto-finance tools to **6,000+ dealerships** by embedding **independently deployable micro-frontends** directly on dealer websites.
- Scaled **Showroom**, a white-label digital-retail product, sharpening UX and APIs to bump dealer adoption.
- Coached five remote agile teams (30 + engineers/managers) toward true **continuous delivery**, using innovation days to surface new ideas fast.
- Cleared overlapping tech stacks by aligning product, design, and engineering on shared **microservice contracts**, smoothing dealer integrations and trimming transaction friction.

Senior Manager, Software Engineering – Auto Finance

Feb 2020 - Feb 2022

- Led 15 + engineers through the Carvoy.com acquisition, porting its digital-retail flow onto Capital One's **AWS serverless, microservice backbone**.
- Grew scope from 2 to 5 teams and completed the direct-dealer platform integration, enabling **\$1B+** in originations across **3,500+** dealerships.

Lead Software Engineer – Auto Finance

Jul 2017 - Feb 2020

- Sparked **100+ patents** across machine learning, AR, and **blockchain**, keeping Capital One on the innovation edge.
- Shipped the AutoNavigator iOS app: on-device ML spots any car, while AR surfaces nearby matches.
- Super-charged AutoNavigator search with NLP and predictive models, cutting lookup time and boosting engagement.

Engineering, Architecture, & Consulting Roles

1998-2017

- **Magic Leap / Fuzzy Cube Software (2014 – 2017)** – Developed **mobile games** for iOS/Android, built backend services, and prototyped new AR/XR experiences for **Magic Leap One**.
- **Newtoy/Zynga (Director, Backend Services, 2010 – 2013)** – Scaled the backend for **Words With Friends** to 30M+ MAU, ensuring **zero downtime during Zynga's acquisition** and migration. Led a remote team of 15+ engineers in building the **With Friends backend platform**, enabling multiple game launches.
- **Dallas Ruby User Group (Organizer, 2006 – 2011)** – Founded and led the **Dallas Ruby User Group**, organizing meetups, coordinating speakers, and fostering a local developer community.
- **Independent Consulting (2005 – 2013)** – Provided **web and mobile application development** services for clients in **social networking, property management, travel, and educational fundraising**. Delivered **cross-platform iOS/Android educational apps** and built scalable web applications.
- **Various Engineering & Leadership Roles (1998 – 2010)** – Held **software engineering and architecture roles** at companies including JD Edwards, Frito Lay, and EDS, specializing in **enterprise software, financial systems, and infrastructure development**.

Education

Texas A&M University (Sept 1994 - May 1998)

Bachelor of Science in Aerospace Engineering