

David J. Griffin

USMC Veteran; Top Secret Clearance with SCI & CI Poly (inactive)

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Professional Summary

Principal / Lead Software Engineer with 20+ years of experience architecting and scaling distributed systems across Fortune 100 and federal government environments. Expert in Java, AWS, and microservices, delivering high-availability platforms supporting 100M+ users globally. Proven leader of engineering teams, driving system design, performance optimization, and large-scale platform modernization. U.S. Marine Corps Veteran with strong leadership and execution discipline.

Demonstrated Impact Highlights

- Scaled commerce platforms supporting 100M+ users across 140+ countries, directly impacting multi-billion-dollar subscription revenue
- Architected microservices ecosystem handling 10K–50K RPM with sub-100ms latency and high availability (99.9%+ uptime)
- Reduced API latency by ~30% through reactive architecture and performance tuning
- Enabled new revenue streams via partner integrations (Google, Verizon, PayPal, Spotify)
- Built AWS data platforms processing millions of events daily enabling analytics and ML use cases
- Improved deployment frequency and reliability via CI/CD and containerization (Docker/Kubernetes)
- Led teams of up to 9+ engineers, mentoring and driving engineering standards
- Migrated millions of records with near-zero downtime in high-risk federal environments
- Delivered recommendation systems improving engagement and session duration
- Performed security audits reducing critical vulnerabilities across enterprise systems

Professional Experience

Walt Disney Company — Lead Software Engineer (2015–Present)

- Led architecture and development of microservices powering Disney+, Hulu, ESPN+ commerce systems
- Designed high-scale APIs orchestrating payments, identity, billing, and eligibility services
- Owned system design for platforms handling thousands of TPS across global regions
- Collaborated with executives to align engineering with product and revenue goals
- Mentored engineers and established best practices in scalable system design
- Evaluated and integrated AI-assisted development tools (Claude, AmazonQ/Kiro CLI) into engineering workflows; authored reusable Claude skills and connected Jira, Datadog, and Confluence MCP servers significantly reducing Scrum ceremony overhead by ~30–50% and improving team delivery velocity

Senior Software / Data Engineer

- Built AWS-based ETL and data pipelines (Lambda, S3, Snowflake)
- Developed APIs supporting ML-driven recommendation systems (~10K RPM, <80ms latency)

- Enabled real-time and batch analytics for business intelligence

Department of Homeland Security (Emagine IT) — Senior Software Engineer

- Led development of enterprise applications using Java, Spring, MongoDB
- Migrated millions of legacy records under strict downtime constraints
- Delivered iterative releases in Agile environment under high scrutiny

National Geo-Spatial Intelligence Agency (BAE Systems) — Technical Lead

- Led team of 9 engineers building geospatial intelligence systems
- Modernized legacy systems to Java-based architectures
- Implemented Agile, CI/CD, and engineering best practices

Federal Bureau of Investigation (BAE Systems) — Security Engineer

- Conducted security assessments and vulnerability testing across enterprise systems

Department of Defense (QSMI) — Senior Software Engineer

- Developed and maintained ~30 enterprise applications supporting thousands of users across the DoD – Chief Intelligence Office such as Internal Resource Management Allocations (Budget Management) or Administration Transitions.

US Marine Corps (Active Duty)— Programmer M.O.S. 4067

- Developed Java applications and reporting tools supporting SES/General officer command decisioning

Skills

Architecture: Distributed Systems, Microservices, API Design

Languages: Java, Kotlin, Scala, Python, JavaScript, SQL

Cloud/DevOps: AWS, Docker, Kubernetes, Terraform, Jenkins, Git

Data: Snowflake, Redshift, Amazon RDS (Oracle, MySQL, SQL Server), MongoDB, Redis, Kinesis