

# GEOFFREY ALAN CLARK

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US Citizen • Active Secret Clearance • CompTIA Security+ (Active)

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## SENIOR DEVSECOPS / CLOUD ENGINEER

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Senior cloud and DevSecOps engineer with 17+ years building, securing, and operating enterprise infrastructure across AWS, Azure, and GCP. Proven track record embedding security into CI/CD pipelines, deploying Kubernetes at scale, and delivering measurable reductions in deployment time and infrastructure cost. Cleared experience with DoD systems and federal compliance.

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## CORE COMPETENCIES

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**Cloud Platforms:** AWS (EKS, EC2, VPC, S3, CodePipeline, Workspaces) • Azure (AKS, Azure DevOps, Entra ID, M365) • GCP (GKE, Cloud Build)

**Containers & Orchestration:** Kubernetes • Docker • Helm • Container Registries • Service Mesh

**CI/CD & IaC:** Jenkins • GitLab CI • GitHub Actions • Azure DevOps • AWS CodePipeline • Bitbucket Pipelines • Terraform • Ansible

**Security:** CI/CD pipeline security • SAST/DAST integration • Container scanning • Vulnerability management • SIEM (DefenseStorm, Splunk) • Incident response • DoD STIG / federal compliance • HIPAA

**Languages & Scripting:** Python • TypeScript • Node.js • PowerShell • Bash • C# • SQL

**Infrastructure:** VMware vSphere/ESXi • Hyper-V • Cisco UCS • Active Directory • Group Policy • SD-WAN

**Methodology:** Agile / Scrum • SRE practices • ITIL

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## PROFESSIONAL EXPERIENCE

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### Core4ce — DevSecOps Engineer

Remote • Oct 2023 – Apr 2025 • Federal Contract

- Implemented and hardened DevSecOps pipelines for **DoD systems**, integrating SAST, DAST, and container scanning into the SDLC to enforce policy gates pre-deployment.
- Deployed and managed **Kubernetes** clusters across multiple environments, streamlining application delivery for cleared workloads.
- Built secure data pipelines that improved operational integrity of mission-critical federal systems while meeting DoD compliance requirements.
- Led incident response for security threats, reducing mean-time-to-detect through proactive monitoring and tuned alerting.
- Embedded security gates early in development through cross-functional collaboration with engineering and government leadership.

## Flex Dental Solutions — DevOps Engineer / QA Lead

Remote • Nov 2021 – Jul 2023 • Full-Time

- Architected AWS migration to **EKS**, achieving **40% reduction in deployment times** and **30% infrastructure cost savings**.
- Built CI/CD automation using AWS CodePipeline, Bitbucket, and Docker (Windows + Ubuntu containers), enabling reliable multi-environment releases.
- Designed and shipped automated testing framework with **Node.js, TypeScript, Puppeteer, and Playwright** — reducing production incident rate and accelerating release cadence.
- Reduced new-developer environment setup from **3–5 days to ~4 hours** via custom-imaged AMIs and provisioning automation.
- Maintained VPC, EC2, and Amazon Workspaces footprint for the dev + automated-testing pipelines; led the QA function.

## Department of Health Agency (via ECS Federal) — Chief Engineer / Site Implementation Technical Lead

North Charleston, SC • Oct 2020 – Nov 2021 • Federal Contract

- Led migration of **14,000 workstations and 2,500 printers** across federal sites at a **98% success rate**.
- Managed teams of up to **12 engineers** in Agile/Scrum cycles spanning 3–5 month migration windows.
- Authored PowerShell, VB.NET, and VBA automation that cut manual provisioning time materially per workstation.
- Served as SME for PowerShell, Active Directory / Group Policy, VMware, and Cisco routing/switching across all migration sites.

## Stasmayer, Incorporated — Director of Operations & Architecture

North Charleston, SC • Dec 2019 – Oct 2020 • Full-Time

- Engineered **Kubernetes CI/CD pipeline on Azure (AKS + Azure DevOps)** — improved development team productivity **25%** and reduced rollbacks **60%**.
- Designed and delivered **dozens of IaaS cloud migrations** (on-premise → Azure) for managed clients.
- Built **Python/Perl automation platform** integrating REST APIs and databases (MySQL, MS SQL) for executive reporting.
- Implemented enterprise security stack: M365 ATP, DLP, MFA, encryption, and Meraki firewall standardization.
- Led the support organization to a **98.7% customer approval rating**; standardized endpoint deployment to cut internal labor cost up to **75%**.

## Heritage Trust Federal Credit Union — Manager of Network Infrastructure

Summerville, SC • Sep 2018 – Nov 2019 • Full-Time

- Spearheaded **Kubernetes CI/CD pipeline on GCP (GKE + Cloud Build)** — achieved **99.9% uptime** with zero-downtime deployments.
- Architected **active-active dual-datacenter** environment with redundant WAN, voice gateways, core switching, and ASA pairs.

- Migrated production from legacy Dell to **VMware ESX 6.7 on Cisco UCS C-Series**.
- Deployed **DefenseStorm SIEM**, HyTrust virtualization encryption, and McAfee Drive Encryption to remediate audit findings.
- Reduced enterprise mobile cost **33%** annually through device + plan rationalization.

### **Charleston ENT & Allergy — Director of Information Technology**

*Charleston, SC • Sep 2015 – Sep 2018 • Full-Time*

- Architected SD-WAN with multi-carrier failover for clinical-uptime continuity.
- **Tripled network bandwidth** while cutting carrier cost **>25% annually** through fiber redesign.
- Led HIPAA-compliant infrastructure centralization across acquired practice sites and standardized end-user platform on Windows 10.
- Reported directly to CEO; owned all IT operational, strategic, infrastructure, and vendor decisions.

### **Palmetto Primary Care Physicians — IT Manager / Senior Systems Administrator**

*North Charleston, SC • May 2012 – Sep 2015 • Full-Time*

- Increased infrastructure availability from **80% to 97%** in 24/7/365 healthcare environment.
- Virtualized **99% of IT infrastructure** on VMware ESX, consolidating physical footprint.
- Led company-wide **encryption initiative for HIPAA compliance** across all endpoints.
- Managed **\$4.3M department budget**, 20+ staff, 3 direct reports.

### **Earlier Experience — Network/Systems Administration & Federal Support (2006–2012)**

**Atlas Technologies (Federal contract)** — Network/Systems & SharePoint Admin (2009–2011) — VMware ESX clusters, MOSS 2007, and disaster recovery for SPAWAR Charleston supporting US Navy. **Medical University of SC Physicians** — Systems Engineer (2009) — P2V consolidation (10 servers → 5 VMs); PowerShell + WMI automation across 10,000+ devices. **CLAGE Solutions, LLC** — Founder (2009–2012) — Founded IT services firm serving 3,000+ Charleston-area clients; storefront + remote/managed services. **Big Red, Inc.** — Network Administrator (2008–2009). **Arkla Taylor, Inc.** — Network Administrator (2007–2008). **U.S. Support Co. (Sprint/Embarq)** — Technical Support Engineer / Trainer (2006–2007).

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## **CONCURRENT CONSULTING**

**Clark & Burke LLC** — *Founder & Principal Engineer* — Feb 2024 – Present (part-time) Independent software and AI integration consultancy (formerly ClarkTribeGames, LLC; merged Feb 2024). Delivers TypeScript / Python / Node.js applications, LangChain + LLM-based AI integrations, and CI/CD-driven release pipelines for client projects. Operated alongside W2/contract roles; **available immediately for full-time roles**.

**Provecta, LLC** — *Solutions Architect (Advisory)* — Nov 2023 – Oct 2025 (part-time) Advised engineering teams and leadership on cloud architecture, modernization patterns, and vendor selection.

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## **EDUCATION**

**Bachelor of Science, Computer Information Systems** — Louisiana Tech University, Ruston, LA — 2007

## CERTIFICATIONS

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Certification	Issuer	Status
CompTIA Security+	CompTIA	Active — Exp. May 2027

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