

Dwayne Davis

Lead DevOps Engineer | AWS Cloud Infrastructure | Platform Engineering | Automation
North Augusta, SC | (706) 836-5786 | ddavis30904@gmail.com | www.dwayne.cloud

Professional Summary

Lead DevOps Engineer with more than a decade of experience in IT and the last several years focused on designing, automating, and supporting AWS cloud environments. I'm known for troubleshooting complex production issues, simplifying systems through automation, and building practical, cost-conscious solutions. My career has grown from hands-on engineering into leading DevOps initiatives, mentoring engineers, and helping development teams deliver software with confidence.

Selected Highlights

Designed and supported secure AWS multi-account cloud environments.

Built Infrastructure as Code using Terraform, Terragrunt, and Ansible.

Modernized deployment workflows with Kubernetes, Jenkins, Harness, and ArgoCD.

Trusted escalation point for complex production issues and cross-team technical leadership.

Core Expertise

Cloud Architecture • AWS • Terraform • Terragrunt • CI/CD • Kubernetes • Automation • CloudWatch • Grafana • OpenSearch • Root Cause Analysis • Infrastructure as Code • Technical Leadership • Cost Optimization • Reverse Engineering

Professional Experience

Booz Allen Hamilton

Lead DevOps Engineer (progressed from DevOps Engineer)
2019 – Present

Design and support AWS cloud infrastructure with a focus on automation, security, and operational consistency.

Helped redesign shared cloud environments into dedicated multi-account AWS architectures that improved security and long-term scalability.

Supported modernization efforts moving EC2-hosted applications to Kubernetes-based platforms.

Built reusable Infrastructure as Code using Terraform, Terragrunt, and Ansible to standardize deployments.

Designed and maintained CI/CD pipelines using Jenkins, Harness, and ArgoCD.

Serve as the primary bridge between development and DevOps teams, turning requirements into practical deployment solutions.

Lead troubleshooting for complex production issues across infrastructure, networking, deployments, and application availability.

Analyze existing environments, identify root causes, and implement practical, cost-conscious improvements.

Established monitoring with CloudWatch, Grafana, and OpenSearch to improve visibility and incident response.

Mentor engineers on AWS, Infrastructure as Code, troubleshooting, and operational best practices.

ADP

Technical Support Analyst II
2015 – 2019

Provided advanced technical support across enterprise systems and networks in a high-volume production environment.

Diagnosed and resolved complex application, system, and network issues through structured troubleshooting.

Partnered with engineering teams to isolate defects, validate fixes, and improve long-term stability.

Served as a liaison between customers and technical teams while mentoring newer team members.

Technical Skills

Cloud: AWS

Infrastructure: Terraform, Terragrunt, CloudFormation, Ansible

Containers: Kubernetes, Docker

CI/CD: Jenkins, Harness, ArgoCD, GitHub Actions

Languages: Python, Bash, YAML, JSON

Observability: CloudWatch, CloudTrail, Grafana, OpenSearch

Version Control: Git, GitHub

Certifications

AWS Solutions Architect – Professional

AWS DevOps Engineer – Professional

AWS Advanced Networking – Specialty

AWS Solutions Architect – Associate

AWS SysOps Administrator – Associate

AWS Developer – Associate

AWS Cloud Practitioner

CompTIA Security+

CompTIA Network+

CompTIA A+

All certifications listed were earned during my career. I have chosen not to maintain every certification, focusing instead on applying those skills in production environments.

Education

University of Phoenix

Bachelor of Science – Advanced Networking

Associate of Arts – Information Technology