

Cody Compton

Contact: codycompton.com/contact/

Professional Summary

Product-focused software engineering leader with over a decade of experience in cloud infrastructure, Layer 3/Layer 4 networking, and distributed systems. Proven track record of acting as a Technical Product Owner to co-innovate with AWS, lead high-performing engineering teams, and develop secure, scalable enterprise solutions. Passionate about treating the engineering process as a product to deliver resilient network observability and DNS control plane platforms.

Technical Skills

Cloud & Infrastructure: AWS (VPC, EC2, Load Balancing, Autoscaling, GovCloud, AWS Backup), hybrid infrastructure

Networking & Security: Layer 3/Layer 4 networking, DNS management (Infoblox IPAM), Palo Alto and ASA firewalls

Languages & DevOps: Python, Go, Bash, Node.js, Ansible, Terraform, Jenkins, CI/CD

Systems & Architecture: Linux (Ubuntu, RHEL, Amazon Linux), distributed systems, enterprise backups, chaos engineering

Professional Experience

Capital One | Plano, Texas

Manager, Lead Software Engineer — June 2019 – Present

- Lead and grow a team of software engineers to develop and deploy enterprise data protection and backup solutions across colocation and cloud environments.
- Act as Technical Product Owner to develop and deliver automated backup restore testing capabilities leveraging AWS Backup, implementing comprehensive monitoring to enhance organizational resiliency and recovery posture.
- Co-innovate directly with AWS to engineer and integrate new service features, ensuring alignment with agile, scalable, and reliable architectural standards.
- Drive chaos engineering strategies to improve the resilience, observability, and operational efficiency of complex distributed systems at scale.

Amazon Web Services | Dallas, Texas

Cloud Support Engineer — June 2015 – March 2019

- Delivered enterprise-level support for networking-related AWS services, resolving complex network routing and security challenges.
- Architected, optimized, and supported comprehensive VPC designs, EC2 instances, load balancers, and autoscaling groups within commercial and GovCloud environments.

Texas Woman's University | Denton, Texas

Network Systems Engineer (2013 – 2015) · **Technical Support Analyst** (2011 – 2013)

- Managed routing and switching infrastructure for over 1,000 Layer 2 and Layer 3 networking devices.
- Administered the Infoblox IPAM solution for campus-wide DNS management, establishing a reliable network control plane.
- Administered and secured network traffic utilizing Palo Alto and ASA firewall infrastructure.

Geek on Wheels | Denton, Texas

Field Technician, Commercial & Residential — November 2008 – June 2011

United States Marine Corps | Quantico, Virginia

Combat Engineer and Marine Security Guard — December 2002 – October 2007

- Honorably discharged as Sergeant.

Technical Projects

Personal web site: Architected a full-stack web application with a modern frontend, Node.js backend, and automated container deployment pipeline to a virtual private server. Used spec-driven development with LLM-assisted workflows to accelerate delivery while keeping infrastructure and content under version control.

Secure infrastructure administration: Configured an optimized Ubuntu VPS environment with automated cron-based backup rotations. Implemented strict administrative access controls utilizing YubiKey physical touch authentication via PAM and SSH agent forwarding for secure remote management.

Education & Certifications

- University of North Texas — BS Criminal Justice (2011)
- Certifications: AWS Solutions Architect Associate, Cisco CCNA, CompTIA Network+, CompTIA Security+