

# RS

## PERSONAL INFORMATION



Atlanta, GA



203-979-1842



rdy.sanders@gmail.com



<https://linkedin.com/in/rodney-l-sanders>



<https://github.com/phmw7>

## CERTIFICATIONS



Google Certified Professional:  
Cloud Architect  
GGLE1287471 | 2025 – 2027



CompTIA Linux + Certified CE |  
2025 - 2028



Microsoft Certified: Azure  
Administrator Associate |  
8F8C47D67F1ED11 | 2024 – 2025



CompTIA Cloud + Professional  
CE | COMP001002182085 |  
2024 - 2027



Cisco Devnet Associate |  
CSCO14373671 | 2024 – 2027



Terraform Certified Associate  
| 0a892065-4be4-48d2-b533-  
801a3ecabafe | 2024 – 2026



AWS Cloud Practitioner |  
9753f8be92ba4e6da289fff0d0  
b5a610 | 2024 – 2027

# RODNEY SANDERS (Multi-Cloud Engineer)

## PROFESSIONAL DIRECTIVE

A maestro with profound accomplishments in multi-cloud technologies. Adept with utilizing microservices, passionate about Dev-ops cultures and lifestyles. Adamant about Implementing scalable, secure, efficient IT solutions to stimulate business integrity. Pursuing to leverage skillset with a modern innovative organization.

## SPECIALIZED COMPETENCIES

### Cloud Infrastructure & Management:

Provide substantial acumen across multiple cloud platforms:

- **GCP:** Strong insight on designing scalable, reliable cloud architectures using GCP services like Compute Engine, Cloud Storage, VPC, IAM, Cloud Functions, BigQuery, and Stackdriver.
- **Azure:** Deft with Azure Portal, VM deployments, Blob storage, management, networking (NSGs, Load Balancers, VPN Gateways), resource groups, and hybrid identity with Azure AD, Entra ID, and RoleBased Access Control (RBAC).
- **AWS:** Crafty with AWS Console and Core AWS services, including compute (EC2), storage (S3), databases, and networking. Exercise AWS security best practices, Cost Explorer, and the Well-Architected Tool.

### Infrastructure as Code:

- Leverage Terraform for building, changing, versioning, and automation of infrastructure.
- Perceptive with Infrastructure as Code (IaC) principles and best practices.
- Experienced in infrastructure provisioning and management across cloud providers.
- Skilled in version control, collaboration, infrastructure lifecycle management, and change tracking.

### Linux System Administration & Cloud Integration:

- Solid fundamentals with Oracle Virtual Box, Ubuntu, CentOS, Debian, and Fedora.
- Administer, manage, and troubleshoot user and group accounts, file systems, and disk space usage.
- Distinguish backup types, enhance disk operations, and configure fault-tolerant storage.
- Analyze and remediate system properties, terminal and shell issues, optimize performance workloads, investigate firewall technologies, and resolve SELinux context violations.

### Network & Security Hardening:

- Configure IAM Multi-Factor Authentication (MFA), secret and key management, and PKI.
- Enable load balancing, Network Service Groups (NSGs), and access control.
- Perform segmentation of cloud resources and identify compliance issues and requirements.
- Baseline hardening, encryption, and secure protocols like TLS and HTTPS.
- Disaster recovery and replication for business continuity planning.

### Programmability & Automation:

- Validated aptitude in network automation, software development, and Cisco platforms. Savvy with REST APIs, model-driven programmability (NETCONF, RESTCONF, YANG), Git, Jenkins CI/CD pipelines, containerization, and Cisco platforms such as Meraki, ACI, DNA Center, SD-WAN, and NSO.
- Developed Python scripting skills tailored for network automation, including device interaction over SSH, API calls, using YAML/JSON and XML for automation of routine tasks.
- Gained foundational knowledge of building site-to-site IPsec VPNs between on-prem Cisco routers and GCP, focusing on secure hybrid cloud connectivity and troubleshooting.
- Explored deployment and optimization of AI/ML workloads on Cisco infrastructure, with emphasis on GPU-enabled UCS, Cisco Intersight, and real-world AI use cases in enterprise networking.
- Hands-on with Cloud CLI, Azure Resource Manager (ARM) templates, cloud shell, and runbooks. Integrate automation with cloud-native tools.

### Virtualization & Containerization:

- Understand cloud services and concepts, IaaS, PaaS, SaaS, deploying and monitoring app environments.
- Qualified to implement, manage and administrate Type I Type II hypervisors in on premise and remote environments.
- Facilitate service to service communication. Utilize Ansible for configuration, Docker and Kubernetes pods (K8s) clusters for containerization and orchestration.

### Media & Entertainment – Direct to Consumer and Broadcast Foundations:

- Ascertained a primary understanding of end-to-end media workflows on AWS, including content acquisition, processing, packaging, and distribution.
- Investigated AWS services like Elemental MediaLive, MediaConvert, MediaPackage, and CloudFront for scalable video delivery and playback.
- Garnered insight into direct-to-consumer (D2C) streaming platforms, live broadcasting, monetization strategies, and viewer engagement at scale.
- Studied video compression standards (H.264, H.265), adaptive bitrate streaming (HLS, DASH), and CDN strategies for global delivery.

# PROFESSIONAL EXPERIENCE

Cobb County School District | Marietta, GA

Enterprise/Infrastructure Technician

Sep 2007 – Sep 2022

- Managed and monitored district-wide network infrastructure across 116 campuses, supporting 20,000+ core and edge switches, 6,000+ wireless access points, and VOIP devices.
- Designed and implemented hybrid fiber-optic and copper cabling systems for secure public/private network connectivity.
- Performed LAN/WAN troubleshooting, ensuring minimal downtime and optimal performance.
- Provided on-site support for hardware, software, and network issues.
- Maintained network documentation, including configurations and operational procedures.
- Generated performance reports and tracked incidents for management review.
- Coordinated system upgrades, migrations, and IT projects, including network enhancements and disaster recovery.
- Engaged with vendors for equipment procurement and service support.

Fry's Electronics | Duluth, GA

Information Systems Technician

Sep 2006 – Sep 2007

- Provided Tier 1 and Tier 2 technical support for over 100 users on IP/IPX networks, ensuring minimal downtime and optimal system performance.
- Performed software updates, connectivity troubleshooting, and system maintenance across Windows (98/NT/2000/XP) and Novell client environments.
- Delivered hardware and peripheral support, including preventative maintenance, upgrades, and repairs for servers, desktops, cash registers, printers, and POS systems.
- Managed PC and laptop repairs across multiple brands (HP, Compaq, Sony, Acer, Toshiba, and Mac), ensuring high-quality service and customer satisfaction.

# EDUCATION

- |   |                              |
|---|------------------------------|
| • Multi-Cloud/ Dev-Ops/ AI – The Cloud Bootcamp   | Sep 2023 – Lifetime Learning |
| • Microsoft Azure Associate – Microsoft Learn     | Dec 2024                     |
| • Programming for Network Engineers – CISCO U     | Nov 2024                     |
| • AWS Cloud Practitioner – AWS Skill Builder      | Feb 2023                     |
| • Cisco DevNet Associate – Cisco Learning Network | Sep 2023                     |

# TECHNICAL SKILLS

- **Cloud Platforms & Services:** AWS, Azure, Google Cloud Platform (GCP); serverless computing (Lambda, Azure Functions); cloud cost optimization
- **Infrastructure & Automation:** Infrastructure as Code (Terraform, CloudFormation); configuration management (Ansible, Puppet, Chef); CI/CD (Jenkins, GitLab)
- **Containerization & Orchestration:** Docker, Kubernetes
- **Scripting & Development:** Python, Bash, PowerShell; version control (Git, SVN)
- **Networking & Security:** VPNs, networking fundamentals, cloud security & compliance (HIPAA)
- **Monitoring & Optimization:** Performance monitoring, cloud deployment automation, disaster recovery planning

# Media & Streaming Technologies

- AWS Elemental Media Services (MediaLive, MediaConvert, MediaPackage)
- CDN configuration and optimization (AWS CloudFront, hybrid edge delivery)
- Video streaming workflows (live and on-demand)
- Adaptive bitrate streaming protocols (HLS, MPEG-DASH)
- Video compression standards (H.264, H.265)
- Streaming platform architecture (D2C, OTT, broadcast foundations)
- Media workflow integration in cloud environments (AWS, GCP)
- Video packaging, encoding, and delivery optimization
- Performance tuning for media streaming and user experience