

Rodney Edwin-King

AWS Cloud Engineer | Cloud Platform Engineer | Cloud Administrator
Greenwood, IN | (773) 355-0240 | edwinkingrodney@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

AWS-focused Cloud Engineer and Platform Engineer with 8+ years of experience in cloud operations, automation, CI/CD, governance, security, and production support. Manage 32 development, test, and production AWS accounts in a Control Tower / AWS Organizations landing zone, with hands-on ownership across infrastructure automation, IAM governance, Azure DevOps delivery, cost reviews, security findings, compliance checks, and credential-rotation workflows.

CORE SKILLS

AWS: EC2, S3, RDS/Aurora, DynamoDB, Lambda, VPC, IAM, ALB/ELB, Route 53, CloudWatch, CloudTrail, AWS Config, Security Hub, Systems Manager, AWS Backup, AWS Organizations, Control Tower, Trusted Advisor

IaC and Automation: Terraform, CloudFormation, StackSets, Lambda automation, Python, Bash, PowerShell, AWS CLI, YAML, JSON, reusable deployment patterns

DevOps and Delivery: Azure DevOps, Jenkins, Git, CI/CD pipelines, release validation, rollback planning, deployment troubleshooting, production releases

Security and Governance: IAM governance, least privilege, permission boundaries, SCPs, credential rotation, Secrets Manager, vulnerability remediation, logging validation, audit evidence, NIST, HIPAA, SOC 2

Operations and Reliability: Tier 2/Tier 3 production support, monitoring, alerting, incident response, root cause analysis, CloudHealth, tagging, cost review, patch compliance, backup/recovery

Cloud and Platform Support: Microsoft Azure, Google Cloud Platform, hybrid cloud, Linux, Windows Server, Docker, ECS, EKS exposure, serverless workflows, application delivery support

PROFESSIONAL EXPERIENCE

Management Science Associates | Pennsylvania

Cloud Administrator, AWS Platform Automation | September 2023 - Present

- Manage AWS platform operations across 32 development, test, and production accounts in a Control Tower / AWS Organizations landing zone, strengthening IAM governance, monitoring, tagging, security reviews, and production support workflows.
- Build and maintain 20+ Azure DevOps CI/CD pipelines across 5 teams, standardizing Terraform, CloudFormation, and AWS deployment workflows for release validation, rollback planning, and production deployment troubleshooting.
- Create reusable IaC patterns for multi-account AWS environments, standardizing IAM, networking, compute, storage, database, monitoring, and compliance deployments across development, test, and production.
- Automate organization-wide credential rotation for 100+ IAM users across 32 AWS accounts, replacing an estimated 40+ hours of quarterly manual credential-rotation work across SES/SMTP, Azure DevOps, and ShareFile.
- Provide Tier 2/Tier 3 production support across multi-account AWS environments, troubleshooting application, infrastructure, access, deployment, monitoring, and service-impacting issues for production workloads across multiple business units.
- Support quarterly AWS governance reviews across multiple business units, analyzing 2,000+ Security Hub findings, Trusted Advisor checks, CloudHealth recommendations, and AWS Config results for cost, patching, compliance, and reporting actions.
- Maintain a version-controlled AWS platform automation repository for multi-account governance, using Terraform, CloudFormation StackSets, Lambda automation, IAM role templates, Security Hub reporting, Systems Manager automation, key cycling, tagging workflows, and operational runbooks.

Walmart Health & Wellness | Arkansas

Cloud Engineer | March 2022 - August 2023

- Delivered AWS and Azure infrastructure provisioning, automation, monitoring, CI/CD support, and production issue resolution across development and production workloads.
- Built Python and Bash automation for AWS provisioning, operational checks, deployment validation, and recurring support workflows.
- Supported release workflows using Azure DevOps, Jenkins concepts, Git, scripting, and cloud deployment troubleshooting across development and production environments.
- Improved incident visibility by supporting centralized CloudWatch and Splunk logging for alerting, production troubleshooting, and root cause analysis.

Utility Data Contractors | Wisconsin

Cloud Engineer | December 2017 - March 2022

- Maintained AWS infrastructure across development, staging, and production environments, covering compute, storage, database, networking, IAM, monitoring, backup, and operational maintenance.
- Built Terraform and CloudFormation deployment patterns for repeatable AWS infrastructure provisioning, environment setup, and release support.
- Configured AWS VPC environments with public/private subnets, route tables, NAT gateways, load balancing, security groups, and hybrid connectivity.
- Implemented S3 versioning, lifecycle policies, AWS Backup practices, and disaster recovery support to improve resilience and recovery readiness.

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate | Validation: WNGJFFVC7EB4QH97 | Issued May 10, 2025 | Expires May 10, 2028
- AWS Certified DevOps Engineer - Professional | Validation: 2LVZ8B9CWBQRQ1RSF | Issued August 25, 2023 | Expires August 25, 2026

EDUCATION

- MPS in Geographic Information Science | Unity Environmental University | 2021 | GPA: 3.97
- B.S. in General Science | University of Sierra Leone | 2015