

JERRELL SCOTT YOUNG

Katy, TX | 404-528-0534 | jerrellyoung17@gmail.com

EDUCATION

Bachelor of Science, Cloud Computing | Western Governors University

CERTIFICATIONS

Certified Kubernetes Administrator | Linux Foundation (CNCF)
AWS Certified Developer – Associate | Amazon Web Services (AWS)
AWS Certified Solutions Architect – Associate | Amazon Web Services (AWS)
AWS Certified Cloud Practitioner | Amazon Web Services (AWS)
Microsoft Certified: Azure Fundamentals | Microsoft
Linux Essentials Certification | Linux Professional Institute (LPI)
CompTIA A+ ce Certification | CompTIA
CompTIA Network+ ce Certification | CompTIA
CompTIA Security+ ce Certification | CompTIA
CompTIA Cloud+ ce Certification | CompTIA
ITIL 4 Foundation Certificate in IT Service Management | Axelos

EXPERIENCE

NioyaTech

AWS DevOps Cloud Engineer (Internship)

Tysons Corner, VA

August 2024 – October 2024

- Designed and developed custom cloud applications to support business-critical solutions, enhancing operational efficiency through innovative automation and application design strategies.
- Optimized cloud architecture on AWS for high availability and security, achieving **99.9%** uptime. Strong knowledge of Azure principles and cloud-native application logging, monitoring, and alerting, with readiness to adapt this expertise for multi-cloud environments.
- Improved decision-making and troubleshooting capabilities by creating and managing custom Grafana dashboards to visualize key performance metrics.
- Reduced potential vulnerabilities by enhancing security protocols for containerized applications and ensuring compliance with industry standards using tools and tactics like Trivy and RBAC.
- Maintained and configured AWS security groups and access controls, achieving **zero** security breaches, ensuring robust security measures.

Clarusway

AWS & DevOps Engineering Bootcamp

Online

January 2024 – August 2024

- Completed an intensive DevOps boot camp, accumulating over 750 hours of hands-on training and study, gaining in-depth knowledge of DevOps methodologies and tools.
- Acquired practical experience in configuring and managing CI/CD pipelines using Jenkins and GitLab, enhancing deployment processes and reducing time-to-market for applications.
- Gained proficiency in Python and SQL with cloud applications. Completed extensive hands-on projects to build and deploy applications using AWS EC2, S3, RDS, and CloudFormation, ensuring reliable cloud infrastructure for scalable business solutions.
- Gained experience in containerization technologies such as Docker and Kubernetes, enabling the deployment and orchestration of microservices with improved efficiency.
- Implemented infrastructure as code (IaC) practices using Terraform, and Ansible, automating infrastructure provisioning and configuration management, resulting in more consistent and repeatable deployments.
- Enhanced monitoring and alerting with Prometheus, and Grafana, providing real-time insights into system performance. Developed a foundational understanding of AI and ML principles and integration with cloud applications to support future learning and adaptability.
- Strengthened security knowledge through the implementation of best practices for securing cloud environments, containerized applications, and CI/CD pipelines, ensuring compliance with industry standards.
- Collaborated in agile, team-based projects, explaining complex cloud solutions to peers, supporting knowledge sharing and customer-focused service.

SKILLS

Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure

Configuration Management: Ansible, Terraform

Containerization: Docker, Kubernetes

CI/CD Tools: Jenkins, GitHub, GitLab

Monitoring and Logging: Grafana, Prometheus

Programming Languages: Python, Shell Scripting (Bash)

Networking: TCP/IP, VOIP/HFC, UDP, DNS, DHCP, Subnetting

Others: Jira, ServiceNow, MS Office 365

ADDITIONAL INFORMATION

Community Leadership: CAPS Scholar Mentor for United Way of Greater Atlanta (2020 – 2021)