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 <https://main.dg9je8b1betw4.amplifyapp.com/portfolio.html>

Summary

8 years of IT implementation experience, with 3 years in cloud computing

3 years of Cloud systems administration and troubleshooting experience in a large-scale highly available environment.

3 years of IT work experience in cloud infrastructure/systems environments performing systems planning, architecture design and using automation techniques and tools to rapidly provision infrastructure to securely deliver applications that can meet evolving business requirements.

3 years' experience in network infrastructure and concepts (VPCs, VPNs, Aws Direct Connect (DX), routing protocols, TCP/IP, IPv4 DNS DHCP etc.), with the ability to design network solutions on AWS across Availability Zones and Regions.

Experienced Cloud Engineer with in- depth knowledge and experience in concepts like DevOps, DevSecOps, CI/CD, Git etc.

Hands-on experience in configuration management systems such as Ansible and infrastructure automation tools like Terraform.

Experienced implementing solutions on AWS public cloud platform with a good mastery of services like EC2, S3, WAF, AWS Shield ,CloudFront, RDS, API Gateway, etc.

Hands on experience in Python, Bash scripting, Linux, REST APIs, MYSQL.

Hands on experience monitoring applications and systems with observability tools like Icinga, Telegraf, InfluxDB CloudWatch, Prometheus and Grafana

Successfully define federated access permissions for organization users based on their group memberships in a single centralized directory by implementing AWS IAM Identity Center (successor to AWS Single Sign-On).

Successfully setup and configure ELK stack to provides a simple yet robust log analysis solution for developers and DevOps engineers to gain valuable insights on failure diagnosis, application performance, and infrastructure monitoring – at a fraction of the price.

Experience

Aws SysOPs/Security Admin

The Home Depot

-Monitored Linux servers Uptime with Prometheus by creating a metrics collection and graphing system to visually see what the system utilization is for a given host or across an entire environment.

-Configuring AWS VPC, Amazon Aurora RDS, Amazon EC2, Amazon EFS, and Amazon ElastiCache to build a highly available, auto-scaling multi-tier web application

-Used AWS Firewall Manager to centrally manage and audit VPC Security Groups and distributed deployment of AWS Network Firewall rules across VPCs and AWS Accounts

-Implement AWS IAM Identity Center (successor to AWS Single Sign-On), Migrate IAM user to SSO and configure MFA for CLI Users

-Used Amazon Inspector and Systems Manager to automate security assessments and operational tasks such as patching and configuration management across Amazon Elastic Compute Cloud (Amazon EC2) fleet.

-Build effective set of controls that mitigate common attack vectors against web applications and provide monitoring capabilities needed to react to emerging threats when they occur.

- Move database credentials embedded in a web application to AWS secret Manager, update the App to retrieve from there when needed, Schedule database password rotation and write an IAM Policy that grant permission for other users who want to retrieve the secret.
- Configured CloudTrail to send logs to S3 and use Athena to generate reports, to visualize resource utilization.
- Script, schedule, and automate day-to-day tasks like Application installation etc.

Information Technology Support Engineer

G-Info-Tech

- Provide direct support in the day-to-day operations of hardware and operating systems, including Cloud Services
- Evaluate system utilization, monitor response time and provide primary support for detection and correction of operational problems
- Support inbound calls/emails, maintaining tickets within the issue tracking application related to Infrastructure Support
- Ensure servers, operating systems and network components are implemented and adhere to the information security policies and infrastructure standards
- Assist with testing and provide feedback on the overall end users experience

Education

ENSAM

Associate's degree, Computer Software Engineering

University of DLA

Bachelor of Engineering - BE, I T Project Management

Licenses & Certifications



AWS Certified Developer – Associate - Amazon Web Services (AWS)

Issued Mar 2022 - Expires Mar 2025



AWS Certified Solutions Architect – Associate - Amazon Web Services (AWS)

Issued 2021 - Expires Nov 2024



AWS Certified SysOps Administrator – Associate - Amazon Web Services (AWS)

Issued May 2022 - Expires May 2025

Skills

Amazon Web Services (AWS) • Amazon Relational Database Service (RDS) • Operations Management
• DevOps • Operating Systems • Configuration Management • Infrastructure Automation • Cloud Administration • DevSecOps • Linux