

Nafees Anwer
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PROFESSIONAL SUMMARY:

- With over 5+ years of experience in System & Network Administration, AWS Cloud Administration, and AWS DevOps Engineering, with a strong foundation in DevSecOps principles.
- Proficient in automating build and release pipelines using PowerShell and AWS CLI, and experienced in Automation (Regression/Sanity) to streamline deployment processes.
- Skilled in migrating Cosmos DB data using AWS Glue, managing stage environments for backup and restoration, and optimizing costs through automated resource management.
- Successfully implemented AWS DevOps CI/CD pipelines, with deep knowledge of continuous integration and deployment methodologies.
- Experience in automating the shutdown of app services and resources during weekends and reactivating them as needed to optimize costs.
- Expert in managing Infrastructure as a Service (IaaS), including Virtual Machines, Load Balancers, Storage, and VPN Gateways.
- Proficient in managing Platform as a Service (PaaS) offerings such as Web Apps, AWS SQL DB, and AWS Cosmos DB.
- Excellent understanding of containers, deployment systems, and container management platforms, preferably Kubernetes.
- Skilled in configuring AWS Monitor, setting up Application Gateways with WAF rules, and troubleshooting HTTP errors.
- Experienced in managing Identity and Access Management (IAM), Role-Based Access Control (RBAC), and access privileges at various levels.
- Strong programming and debugging skills in a Linux environment, with proficiency in Java, and C/C++.
- Well-versed in the Software Development Life Cycle (SDLC) and proficient with Git repositories.
- Worked closely with developers, analysts, and AWS support to meet project requirements and resolve critical issues efficiently.
- Implemented and managed labs for specific purposes, including troubleshooting issues, conducting daily sanity checks, and integrating labs into CI/CD pipelines.
- Experience in automating lab configurations, network monitoring, and managing storage solutions, ensuring smooth and efficient operations

SKILLS:

Cloud Environments: AWS Cloud

SCM Tools: Git, AWS Code Commit, Bitbucket, GitHub

CI-CD Tools: Jenkins, AWS Code Pipeline, AWS Code Build, Spinnaker

Build Tools: Maven, MS-Build

Automation Tools: Ansible, AWS CloudFormation, Terraform

Deployment Tools: AWS Code Deploy, Spinnaker

Monitoring Tools: Amazon CloudWatch, ELK (Elasticsearch, Kibana), AWS CloudWatch Logs

Container Tools: Docker, Kubernetes, Amazon EKS (Elastic Kubernetes Service)

Ticketing Tools: JIRA, IT Service Portal, AWS Service Catalog, ServiceNow

Scripting: Shell, YAML, PowerShell, JSON, Bash

EXPERIENCE:

- Working in REVE Systems from April 2024 to till now
- Worked in Grayradian Data Services Pvt Ltd from March 2020 to March 2024

PROJECTS:**Project#1:**

Client	KANTAR, USA
Environment	AWS PaaS
Role	KANTAR Automation Platform Senior software developer

Contribution:

- Created and managed Service Connections and extensions.
- Worked on creating build and release pipelines from the ADO according to the Client requirement.
- Developed and improved CI/CD pipelines for automated builds.
- Implemented CI/CD Pipelines for multistage Terraform deployments.
- Configured pre-deployment approvals and Gates for release pipelines.
- Worked on the troubleshooting the services when they are down and tried to resolve the query within time as mentioned in the SLA.
- Worked on Live release and Trail release steps where we had deployments and setup to change the connection db. strings.
- Worked upon the Traffic manager profile mostly worked upon Priority method for bringing the maintenance pages up and for bringing the client portal live.
- Provided access to the users according to their requirement once the users access was approved from the manager.
- Worked on Key vault for across all the environments as the project is based upon micro services.
- Worked on deleting and adding of cosmos containers through automation script.
- Worked on setup to create the new ADF pipeline for new service in ADO portal.
- Worked on Trial and Live deployment steps to stop the services and bringing maintenance pages up.
- reusable Terraform modules in AWS cloud environment.
- Worked on Automation accounts workbook script where I have automated to check the health of the services to check their health status using Rest API method in PowerShell script and scheduled it for Monday every week.
- Worked on cost optimization to the client based on the requirement in various ways,

Example: Limiting the threshold or throughput unit for the cosmos DB from auto scale to manual by running the automation script which will take care of the environment.

Project#2:

Client	Transducers Direct, USA
Environment	AWS PaaS
Role	AWS Cloud/DevOps Engineer

Contribution:

- Worked on multiple PaaS services like – WebApps, SQL Db, Traffic manager, AGW etc.
- Part of AWS DevOps CI/CD Pipelines automation End to End process.
- Coordinating with developers and testers for Build and deploy Related issues.
- Handles miscellaneous activities involving labs, ensuring their continuous operation and readiness for various tasks.
- Configuring and monitoring Cloud services.
- Worked on ARM Templates.
- Worked with AWS support to resolve critical issues.
- Configured PAAS services like App service, App service plan.
- Implemented high availability with AWS Resource Manager deployment models.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
- Implementation and configuring of AWS backup.
- Performed Scale-Up/Scale-Down of App Service Plan as part of Cost optimization.
- Closely monitor WebApps traffic from Application Insights.
- Prepare and send consolidated HTTP errors/exceptions reports on Weekly basis.
- Pulled reports using AWS Log Analytics.
- Helped Dev team with ad-hoc backups of SQL Db as and when required
- Grant RBAC access to new team members on approvals.
- Provide Just-In-Time access to users on resources.

EDUCATIONAL QUALIFICATION:

- B Tech in Dayananda Sagar College of Engineering