Mr. Gaurav K Adarkar
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OBJECTIVE

To utilize my technical skills towards a challenging career in a growth oriented organization to help build a strong outcome.

AWS CLOUD ENGINEER

Around 3.5 yrs of AWS professional experience Cloud Domain, with hands on knowledge of AWS Administration(2) and DevOps Implementation(1).

EXPERIENCE

3.5 years of extensive experience with Prognosticsoft Solutions as Cloud DevOps Engineer.

EXPERIENCE SUMMARY

- Experience in working as Cloud DevOps Engineer in AWS platform Operations tools and process area.
- Deep understanding of wide range of AWS services to design and implement AWS infrastructure on basis of application requirements.
- Experience in working with AWS Services like EC2, VPC, IAM, S3, ELB, Auto Scaling Groups (ASG), RDS, CloudFormation, CloudWatch, SNS, Athena ,AWS SSO, AWS Transcribe , AWS Comprehend , CloudTrail **,** Route53
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS Account and its resources.
- Creation of S3 buckets with utilization of Bucket Policy and configuring LifeCycle Policy of data in S3 Buckets, Enable S3 Bucket Encryption(SSE-S3 : AES256) and Versioning.
- Using CloudFormation for Infrastructure as a Code to provision AWS resources as per SDLC Environment.
- Setup and Configure AWS CICD using CodeCommit, CodeBuild, CodeDeploy and CodePipeline.
- Installation and configuration of Jenkins to leverage CICD Pipelines using Jenkins Jobs.
- Hands on experience to create Dockers Creation Pipeline and Push Images to Amazon Elastic Container Registry using AWS CodeCommit and AWS CodeBuild.
- Following best practices in Version Control System like Github/CodeCommit to enable DevOps Culture.
- Configure, monitor (CloudWatch) and automate Infrastructure creation for Cloud Services and deploying using CICD Services as per SDLC Environment.
- Understanding knowledge on Kubernetes environment.

- Testing and execution of Dockers Images using Dockerfile.
- Hands on Experience in installation and configuration management using Ansible.
- Configure Events using CloudWatch and sending Alert Notifications on various events as a custom readable notification using Lambda and SNS.
- Good understanding of IAM Federation Access to AWS accounts using AWS SSO.

TECHNICAL SKILL

AWS Service	EC2,VPC,IAM,S3,RDS, SNS,SSO,AWS CloudFormation,Lambda,Athena, Transcribe, Comprehend, Cloudtrial, CloudWatch
Configuration Management Tools	Ansible
Continuous Integration Tools	Jenkins , Code Commit, Code Build , Code Deploy
Operating Systems	Linux , Ubuntu
Databases	MySQL
Build Tools	Maven
Cloud Services	AWS
Version Control/Repository	GitHub
Scripting Languages	Bash, Python
Virtualization/container orchestration	Docker, Kubernetes
Tracking Tools	ServiceNow , Github issues

QUALIFICATION

Degree	Board/University	Percentage
MCA	Savitribai Phule Pune University	65.57%
BCA	Savitribai Phule Pune University	63.41%

Project 1: Cloud Enhancements
Role: AWS Administrator
Environment: AWS EC2, S3,IAM,VPC,CloudWatch,CloudTrial,Linux
Project Description: Administration of existing resources in AWS account, Design and implement a scalable application on AWS Cloud.

Roles and Responsibilities:
- Creation of Virtual Private Cloud with Public, Private Subnets, Creating S3 with the permission required as per requirement also managing Lifecycle rules, VPC Endpoints in AWS for S3, and launching application resources in the VPC.
- Athena to query CloudTrail Logs to find AWS account information insights.
- Experience in setting up Launch configurations, Auto Scaling, Load Balancers to provide high availability to EC2 machines.
- Enable VPC Flow Logs to analyze Network Traffic in the AWS Instances using Athena.
  - Athena : CloudTrail Logs, VPC Flow Logs.
- Configuring Bastion servers/Jump servers in public subnets to have ssh connection to Private Subnet Servers.
- Managing IAM service to administer AWS resources effective creation of user accounts, assign granular access permissions.
- AWS System Manager for centralized management of EC2 instances and enables Session Manager to connect to EC2 instance using Console.
- Configure CloudWatch Alarms and Metrics for various services as per success or failures to enable Graph in CloudWatch Dashboard.
- Identify and troubleshoot issues in AWS Services.
- Setup custom alert notifications using Serverless Services like EventBridge, Lambda, SNS.
- Custom Metrics setup to monitor Application Logs in CloudWatch.
- Good understanding in creating domain names in AWS and also created alias record sets to provide alias names for load balancers DNS name.

Project 2:
Role: AWS DevOps Engineer
Environment: EC2, Github, Ansible, IAM, VPC, S3, CloudFormation, CloudWatch
Project Description:
- Installation and configuration of Jenkins.
- User and Group management with Jenkins Roles.
- IAC automation of application Infrastructure creation using Jenkins pipeline jobs to create AWS infra stacks in CloudFormation.
- Automation of application deployment using GitHub, Jenkins pipeline jobs using Jenkinsfile.

Roles and Responsibilities:
- Infrastructure provisioning of Application and Networking Resources using CloudFormation.
- Github Repository permissions management for Branching and Merging strategy.
- Design and implement Git Best Practices for Branching, Merging Strategies, Tagging, Code review and PR.
- Creating Maven build Artifacts to store it on S3.
- Creating Jenkins Pipeline Jobs with User Input Runtime Parameters using Jenkins file.

Project 3:
Role: AWS DevOps Engineer
Project Profile: Automation of Continuous Docker Image Build.
Environment: CodeCommit, CodeBuild, ECR, IAM, S3, CloudWatch, Dockers.
Project Description:
- Installation and configuration of Docker Image and Docker file.
- Configuring CodeCommit and pusing Docker Image to ECR using Code Build.

Roles and Responsibilities:
- Configure CodeCommit Repository in AWS Account and limit access for direct push into Master Branch of CodeCommit Repository.
- Design and implement Git Best Practices for Branching, Merging Strategies, Code review and PR.
- Building Continuous Integration Pipeline using CodeBuild to Build Docker Image and push it to Amazon ECR.

Project 4:
Role: AWS DevOps Engineer
Environment: AWS S3, Lambda, SAM, Amazon Transcribe, Comprehend, DyanamoDB.
Project Description:
- S3 to Lamda serverless design
- Configuring and maintaining serverless automated translation using s3 and Lambda using AWS Transcribe.
- Configuring Serverless Speech to text using s3 and Lambda
- Configuring file uploads using s3 and lambda to DynamodDB

Roles and Responsibilities:
- Installing and configuring SAM.
- Configuring and maintaining Amazon ML services to handle audio and text file.
- Maintaining and configuring S3 bucket and also keeping the JSON/txt file backup in S3.
- Storing files in s3 with related security.
- Maintaining the transcribe job and the output of it's in the s3 bucket.
- Maintaining the flow of the project.
- Manage the storage and business logic

PERSONAL INFORMATION

Date of Birth: 03-03-1992
Gender: Male
Marital Status: Single
Nationality: Indian
Languages known: English, Hindi, Marathi

DECLARATION

I hereby declare that all the above written statement is true and complete to the best of my knowledge and belief.

Yours faithfully,
Gaurav K Adarkar.

Date:
Place: Pune.