AKASH NEMADE

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PROFESSIONAL SUMMARY

AWS Cloud Engineer with 1+ years of experience in-depth expertise in the Implementation, Analysis, Optimization, Troubleshooting and Documentation of Cloud services (Amazon Web Services) in addition with extensive experience in configuration, backups of the source code along with that can bring an end-to-end work flow of Continuous Integration, Continuous Delivery and Continuous Deployment process for an organization.

PROJECTS

Serverless Computing: Automated S3 Notification Via Lambda Using SES

- Worked on AWS services such as setting up **IAM policy, Lambda**, **CloudWatch**, **SES service**. Serverless computing is a method of providing bracken services on an as-used basis.
- Creating a **Python** function in **AWS Lambda** using the boto3 library for creating SES clients.
- Creating **IAM role** for Lambda and assign that role to the Lambda function and assigning full S3and **SES access policies** for a smooth workflow.
- Creating S3 bucket and **triggering S3 bucket with PUT event notification** in the destination Lambda function.
- Using CloudWatch to monitor the events and logs of **s3 buckets.**
- Every event can be fetched from event["Records"] from the event parameter of the Lambda function.

Designing Of CI/CD Pipeline Infrastructure On AWS

- Deploying a sample code PHP website from **GitHub** onto AWS **Elastic Beanstalk** via the AWS Code Pipeline service to demonstrate the functioning of a **CI/CD Pipeline on AWS**.
- Set up the code repository using GitHub and Used it as a source for **Code Pipeline**.
- Creating branches and tags using GitHub.
- Maintain GIT Repositories, Handling Releases, and Branching activities for **GitHub**.
- Using **Elastic Beanstalk** as the provider for the Deploying stage and running the pipeline.
- Using pipeline execution, the application is deployed to the Elastic Beanstalk PHP environment andaccessible via the public URL shared by **Beanstalk**.
- If any changes are made to the code **on GitHub** through the developer, the pipeline should be re-run andideally reflect the same changes on the live website.

CORE QUALIFICATION

TECHNICAL SKILLS
- EC2, Lambda, Elastic Beanstalk
- S3, SNS, SQS, SES, RDS, IAM
- VPC, CloudWatch, CloudTrail, Route53
- CLI, CloudFormation, Linux, Git
- DevOps: Docker, Kubernetes, Ansible, GitHub, Jenkins

SOFT SKILLS
- Communication skills
- Problem-solving
- Collaboration
- Leadership

EDUCATION

Vidyavardhini's College of Engineering and Technology – Mumbai |

Bachelors of Engineering – 2021(8.1 CGPA)

CERTIFICATIONS

- DevOps Certification
- SCOE-AVISHKAR 2021 Certification

LANGUAGE

- English
- Hindi
- Marathi