SAIREDDY ANITHA

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OBJECTIVE

Results-driven AWS professional around two years of hands-on experience in designing, implementing, and managing AWS cloud solutions. Seeking to leverage my expertise in cloud computing, Infrastructure as code, and automation to contribute to a dynamic organization's success.

PROFESSIONAL SUMMARY

- Working as Systems Administrator at **CREATIVE DYNAMECH SOLUTIONS LLP** having around **Two Years** of experience as **Cloud Operational Engineer**.
- Experience in working in Agile methodology.
- Experience in setting up enterprise infrastructure on Amazon Web Services (**AWS**) including **EC2, ELB, EBS,S3, AMI, IAM, VPC, CloudWatch, Cloud Trial, SNS**,.
- Proficient in working & Administrating UNIX (Red Hat Linux), OS x, Windows.
- Used **CloudWatch** as a monitoring tool to identify and resolve infrastructure problems before they affect criticalprocesses.
- Strong attitude towards enhancing and learning new tools and technologies.
- Capable of handling multiple tasks and work effectively both in group and as an individual to meet deadlines.
- In-depth knowledge in **AWS** to automate various services.

SKILLS

- **Cloud Platform:** AWS
- **Containerization:** Docker
- **Build Automation:** Maven
- **Operating Systems:** Linux,Ubuntu
- **Version Control:** Git (GitHub)
- **CI/CD Tools:** Jenkins

PROJECTS

PPG Industries: **AUG 2023 – APRIL 2024**

Project Title: Cloud-Enabled Java Application Deployment

Environment: AWS,GIT,Maven,Docker

- Create a Dockerfile to define the container environment.
- Build Docker image from the Dockerfile.
- Run the application in a Docker container locally to test.
- Utilize Docker to containerize the application, ensuring consistency across development, testing, and production environments.
- Host the application on AWS, leveraging its scalable and reliable infrastructure.
- Enhanced visibility and monitoring of application performance and issues.
- Create an ECS cluster on AWS.
- Create a service to run the Docker container on ECS.
- Set up an AWS RDS instance for the application's database.
- Configure load balancer and auto-scaling policies.

Benefits:

Scalability: Utilize AWS services to scale the application based on demand.

Reliability: Implement redundancy and failover mechanisms.

Automation: Use CI/CD pipelines to automate the build, test, and deployment processes.

Portability: Containerize the application for easy deployment across different environments.

PROJECT PROFILE:

Organization:	Six Sigma Soft Solutions Pvt Ltd
Client:	TCS
Project Name:	BMO
Duration:	May 16 - Jan31st
Environment:	AWS, GIT, Linux

Roles and Responsibilities:

- Working on **Amazon Web Services** (EC2, S3, IAM, Cloud Watch, SNS).
- Setting up/Managing Linux Servers on Amazon EC2.
- Experience in creating alarms and notifications for EC2 instances using Cloud Watch.
- Implementing EC2 backup strategies by creating EBS snapshots and attaching volume to EC2 Instances.

- Strong Experience in Amazon EC2 setting up instances, VPCs, and security groups.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS).
- Experience working with **IAM** to create new accounts, roles, and groups.
- Involved in taking AMI backup of AWS servers and launch/Restore the EC2 instance from the AMI Backup.
- Created RDS database. Setting up/Managing Databases on Amazon RDS and monitoring servers through Cloud Watch, SNS.
- Creating/Managing buckets on S3 and storing DB and log backup as well as uploading images.
- Creating/Managing DNS records on Amazon Route 53.
- Migrated the AWS services like EC2, Lambda functions etc from Bahrain to UAE region
- Created AWS service tickets for increasing the limits and technical discussions.

EDUCATION

Bachelor of Engineering

BRINDAVAN INSTITUTE OF TECHNOLOGY &SCIENCE **7.0 CGPA (2020)**

DECLARATION:

I hereby declare that the above mentioned information is accurate to the best of my knowledge and belief.

Anitha S