

Aniket Gaikwad

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SUMMARY:

Cloud Infrastructure Engineer with Expertise in AWS and Terraform, Skilled in Designing, Deploying, and Managing Scalable and Secure Cloud Solutions.

TECHNICAL SKILLS:

- **Cloud Platforms** - AWS (EC2, VPC, VPN, S3, IAM, RDS, DynamoDB, ECS, ECR, Fargate, CloudWatch, Route53, CloudFront, Cloud Trail, SNS, Load Balancer, Auto-Scaling, Code Pipeline, Code Build, Aws Config, Aws Guard Duty, Aws Budget, EKS, Cost Explorer)
- **Operating System** – Linux, Windows
- **Version Control** – Git, GitHub
- **Scripting language** - Shell Scripting
- **DevOps Tools** – CI/CD, Terraform, Docker, Ansible.
- **Programming Language** - Java (Java 8, Spring Boot, Microservices, Rest-API)

EXPERIENCE:

Cloud Infra Engineer - Virtuous Global Services Pvt Ltd. | September 2021 – Present

Roles And Responsibility's:

- Managed AWS cloud infrastructure, ensuring it was always available, secure, and efficient.
- Automated cloud setups using **Terraform**, reducing the need for manual work and ensuring consistent deployments.
- Built and maintained **CI/CD pipelines** using AWS CodePipeline and CodeBuild to automate the application release process.
- Worked with key AWS services like **EC2, VPC, S3, IAM, RDS, and ECS Fargate**, ensuring smooth operation and helping to lower costs.
- Set up and managed AWS security by creating **IAM roles** and policies and configuring security groups.
- Monitored cloud performance using **CloudWatch**, troubleshooting and fixing issues quickly to keep everything running smoothly.
- Worked with other teams to provide support and solve cloud-related problems, making sure applications ran well in the cloud.
- Focused on **cost optimization**, making sure cloud resources were used efficiently and costs were minimized.

Cloud Associate Engineer - Virtuous Global Services Pvt Ltd | May 2019 – September 2021

Roles And Responsibility's:

- Provided support for AWS infrastructure, helping with deployments and solving cloud-related issues.
- Assisted in setting up AWS environments with services like **EC2, VPC, and S3**, ensuring they met client needs.
- Developed **Java-based applications** that worked with AWS services to make cloud operations more efficient.
- Monitored performance using **CloudWatch** and set up alerts to track CPU, memory, and disk usage to prevent issues.
- Worked with senior engineers and clients to understand problems and provide solutions to cloud-related challenges.
- Helped manage cloud resources and worked on strategies to optimize costs, ensuring efficient use of services.

Project :

Auto Scaling Project:

- **Objective:** Implemented an Auto Scaling solution on AWS to dynamically adjust the number of EC2 instances based on application load, ensuring optimal performance and cost efficiency.
- **Key Contributions:**
 - Designed and deployed Auto Scaling groups using Terraform, ensuring scalability and high availability.
 - Configured CloudWatch alarms and scaling policies to trigger automatic scaling actions based on CPU utilization and network traffic.
 - Conducted load testing using tools like Pstman Runner to validate the effectiveness of the Auto Scaling policies.
 - Provided a comprehensive demo showcasing the setup, scaling in action, and the cost benefits achieved.

ECS Project with Fargate:

- **Objective:** Deployed a Spring Boot microservices application on AWS ECS with Fargate, achieving a serverless and containerized infrastructure.
- **Key Contributions:**
 - Developed Terraform scripts to automate the provisioning of ECS clusters, Fargate tasks, and associated AWS resources.
 - Integrated a MySQL database with the Spring Boot application and managed secrets using AWS Secrets Manager.
 - Configured ECS services with load balancing and Auto Scaling to handle variable workloads efficiently.
 - Ensured secure and seamless deployments through CI/CD pipelines, incorporating automated testing and environment management.
 - Presented a detailed walkthrough of the ECS setup, including Fargate benefits and the application deployment process.

Education :

- Master of Business Administration (MBA) from Pune University in 2021.
- Bachelor of Business Administration (BBA) from Pune University in 2018.