Pratik Ghondage

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PROFILE

Motivated Computer Engineering graduate from Amrutvahini College of Engineering, Sangamner, currently enhancing cloud expertise through a **Master in Cloud Architecture (AWS + DevOps)** at Fortune Cloud Technology. Seeking an entry-level Cloud or DevOps Engineer role where strong AWS fundamentals, hands-on project experience, and a passion for continuous learning can contribute to organizational success.

SKILLS

AWS Services: EC2, S3, VPC, IAM, RDS, Application Load Balancer, Auto Scaling, DynamoDB, Lambda, Route 53, Elastic Beanstalk

Security & Monitoring: IAM Policies, Security Groups, NACLs, CloudWatch Alarms, SNS, Multi-Account Setup

Networking & Storage: VPC Peering, NAT Gateway, Internet Gateway, EBS, S3 Lifecycle Policies

Linux: Linux Commands, SSH, File & Permission Management

CERTIFICATION

Master in Cloud Architecture, [Fortune Cloud]

EDUCATION

BE-Computer Engineering, Amrutvahini College of Engineering, Sangamner (2021-2025)

CGPA:- 8.51 (First Class with Distinction)

PROJECTS

AWS Auto Scaling with Application Load Balancer (ALB)

Designed and implemented a highly available and scalable web application architecture using Auto Scaling Groups and an Application Load Balancer on AWS.

Services Used:

- **EC2:** To host application instances
- **Application Load Balancer (ALB):** For distributing traffic across instances
- **Auto Scaling Groups:** For automatic scaling based on demand
- **Launch Templates:** For consistent instance configuration
- **CloudWatch:** For monitoring and scaling triggers

Custom VPC Implementation on AWS

Created a custom Virtual Private Cloud (VPC) with public and private subnets to build a secure and isolated network environment. Implemented proper routing, internet access, and security controls to follow best practices in cloud networking.

Services Used:

- **VPC**: To design isolated network
- **Public & Private Subnets:** For tiered architecture
- **Route Tables:** For traffic management
- **Internet Gateway:** For public subnet internet access
- **NAT Gateway:** For secure outbound access from private subnet
- **Security Groups:** For controlled access

Database Migration from EC2 to Amazon RDS

Migrated a traditional database hosted on an EC2 instance to Amazon RDS, improving scalability, reliability, and manageability. Ensured secure connectivity and minimal downtime during the migration process.

Services Used:

- **EC2:** Source database server
- **Amazon RDS (MySQL):** Managed database service
- **Security Groups**: To allow controlled DB access
- **SSH & MySQL Tools**: For data migration and verification

VPC Peering Between Two AWS Regions

Implemented VPC Peering between two VPCs located in different AWS regions (N. Virginia and Mumbai) to enable private and secure communication. Configured route tables and verified connectivity using private IP addresses.

Services Used:

- **VPC Peering Connection:** For inter-VPC communication
- **Route Tables:** To enable traffic flow
- **EC2:** For connectivity testing
- **Security Groups:** To allow inter-VPC access