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Professional Summary:

- ✓ Experience in working on AWS and its services like **IAM, VPC, EC2, EBS, S3, ELB, Auto Scaling, Route 53, CloudWatch, SNS, LAMDA** create custom sized VPC**,** subnets**,** NAT**,** and Security groups.
- ✓ Designed highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balancer and AMIs.
- ✓ Establishing connectivity to AWS Resources in another **VPC** in another region using AWS VPC Peering.
- ✓ Configured **S3 buckets** with various life cycle policies to archive the infrequently accessed data to Storage classes based on requirement.
- ✓ Creating alarms in **Cloud Watch** service for monitoring the server performance, CPU Utilization, disk usage.
- ✓ Used Amazon **RDS** to create snapshot and automate backup of database.
- ✓ Experience on DevOps essential tools like **Docker**, **Kubernetes, GIT**, **Jenkins** to AWS and Managed Services like EC2, S3, Route53, ELB, EBS.
- ✓ Good Hands-on experience in creating Jenkins jobs, plug-in installations, setting up distributed builds using master/slave concepts.
- ✓ Automated deployment of builds to different environments using Jenkins.
- ✓ Worked on Provisioning of AWS instances using **Terraform** and User data.
- ✓ Experience in using **Tomcat** and Apache web servers for deployments.
- ✓ Experience in **Docker** like creating Docker images, containers, Docker files, tagging and publishing to Docker Hub.
- ✓ Writing Dockerfile to create customized docker images
- ✓ Setting up Kubernetes using EKS, KOPS and Kubeadm.
- ✓ Writing manifest files to create **deployments** and **services** for micro service applications.
- ✓ Configuring Persistent volumes (PVs), PVCs for persistent database environments.
- ✓ Worked on demonsets, configMaps, Secretes, etc.

Technical/ Functional Summary:

Operating systems	RHEL6.7, ubuntu
Version Control Tools	GIT
CI/CD tools	Jenkins
Provisioning tool	Terraform

Containerization Tool	Docker, Kubernetes
Scripting languages	python
Application server	Apache Tomcat
Cloud Platform	Amazon Web Services: Elastic Compute Cloud(EC2), Simple Storage Services (S3), Route 53, Cloud Front, Virtual Private Cloud(VPC), Elastic Load Balancer(ELB), Auto-Scaling, IAM Roles, Users, Profiles, Elastic IP's

Projects Summary:

Project #1:

Project Name	**:**	**Balboa Insurance**
Client Name	**:**	Balboa Insurance company (USA)
Role	**:**	DevOps Engineer
Environment	**:**	AWS, Linux, Git, Terraform, Docker, Kubernetes.

Roles & Responsibilities:

- ✓ Experience in **Docker** like creating Docker images, containers, Docker files, tagging and pushing to Docker Hub.
- ✓ Created and managed multiple containers using **Kubernetes**. And creating deployments using Yaml code.
- ✓ Performing the regular tasks that include cloning, pulling the repositories, branching and merging.
- ✓ Setting up **EC2 instances** and prerequisites on the instances for deploying the applications.
- ✓ Designing and deploying **AWS** solutions using EC2, S3, Elastic Load balancer (ELB), auto scaling groups.
- ✓ Provisioning of AWS instances using **Terraform** and creating modules to create infrastructure of aws.
- ✓ Experienced on writing JSON code for creating infrastructure.
- ✓ Experienced in creating multiple **VPC**'s, public, private subnets as per requirement and established connectivity to AWS Resources in another VPC in another region using **AWS VPC** Peering.
- ✓ Used security groups, network **ACL**'s, internet gateways and route tables to ensure a secure zone for organization.

- ✓ Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and configuring launched instances with respect to specific applications.
- ✓ Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- ✓ Creating **S3 buckets** and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- ✓ Used **Cloud Watch** to set alarms for notifications or automated actions, and to monitor logs for a better understanding and operation of the system.
- ✓ Strong working knowledge on **GIT**.

Educational Qualification:

B.Tech (Electronics and communication engineering) in 2023 With 83.3% From Vignan's Institute of Information Technology.

Certifications:

AWS Certified Solutions Architect – Associate

Validation Number: FM9VT8YC7EVEQZ56

Validate At: https://aws.amazon.com/verification