PRAVIN MALKARI

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ACADEMIC DETAILS

- ❖ Bachelor of engineering (SPPU), 2016
- ❖ Diploma (MSBTE), 2013
- ❖ 12 Maharashtra board, 2010
- ❖ 10th Maharashtra Board, 2008

PERSONAL DETAILS

- ❖ DOB: 20/11/1992
- ❖ Gender: Male
- ❖ Nationality: Indian

AWS COMPETENCIES

- ❖ AWS CLOUD
- ❖ VPC
- ❖ VPC-PEERING
- ❖ SITE-TO-SITE VPN
- ❖ CLIENT-TO-SITE VPN
- ❖ TRANSIT GATEWAY
- ❖ DIRECT CONNECT
- ❖ RDS
- ❖ AMAZON MACHINE IMAGE
- ❖ S3
- ❖ CLOUDWATCH
- ❖ ELASTIC LOAD BALANCING
- ❖ ROUTE 53
- ❖ DYNAMO DB
- ❖ LAMBDA

PROFILE SUMMARY

As a professional, I believe in the intellectually stimulating work process, to excel and succeed through smart work thus, enhancing value addition to my job, the organization, and myself. Have the ability to work independently and be a good team contributor on group projects.

WORK EXPERIENCE

Technocia InfoTech pvt.ltd | Aws Cloud Engineer | 2019 Sep. to Present.

Technocia InfoTech pvt.ltd | Network Engineer | 2017 January to 2019 Sep.

AWS CLOUD ENGINEER

AWS Activities :

- Hands-on experience designing, building, and operating scalable IT infrastructures in the AWS cloud.
- Configuring and deploying EC2 instances behind Auto Scaling & ELB (Application and Network Load balancers).
- Taking the RDS snapshots when requested by the DB Teams.
- Deploying the EC2 Linux instances using the custom AMI (Amazon Machine Image) & for mission-critical production server for backup.
- Created AWS cloud instances and used AWS command-line interface to manage and configure various AWS products.
- Utilized Amazon Glacier for archiving data.
- Creating and managing VPCs, Subnets, Rout Table, and Internet gateway.
- Used VPC peering to make the connection between different zones.
- Configuring S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on the requirement.
- Using IAM to create roles, users, and groups and implemented MFA to provide additional security to the AWS account and its resources.
- Using security groups, network ACLs, internet gateways, and route tables to ensure a secure zone for the organization in AWS public cloud.
- Creating and configuring elastic load balancers and auto-scaling groups to distribute the traffic and to have a cost-efficient, fault-tolerant, and highly available environment.
- Managing Databases on Amazon RDS.
- Utilized Cloud watch to monitor resources such as Ec2, Amazon RDS, and Dynamo DB tables, to set alarms for notifications or automated actions.
- Hands-on experience in creating NAT gateway and NACL security on the subnet.
- Provide highly durable data by using an S3 data store, versioning, and static website hosting.
- Responsible for AWS Access Management, Infrastructure Security, and Cost optimization.
- Working with AWS services: EC2 (Elastic Compute Cloud), S3 (Simple Storage Service), SNS (Simple Notification Service), VPC (Virtual Private Cloud), Cloud Watch, EFS (Elastic File System), Elastic Load Balancer (Application/Network), Route53, Auto Scaling in launching EC2 instances, RDS, AWS CLI (Command Line Interface), Subnets and to connect different VPC's used VPC peering, Transit Gateway, Site-to-Site VPN, KMS(key management system), DX..

DEVOPS COMPETENCIES

- ❖ JIRA (Ticketing tool)
- ❖ Git & Gitlab (version control system)
- ❖ Maven (Build tool)
- ❖ Terraform (Infrastructure Management)
- ❖ Ansible (Configuration Management)
- ❖ Jenkins(CI-CD)
- ❖ Docker (Container & Image management)
- ❖ Kubernets (Orchestration tool)
- ❖ Prometheus & Grafana
- ❖ EFK (Log management)

NETWORK COMPETENCIES

- ❖ CCNA
- ❖ VLAN
- ❖ STP
- ❖ VTP
- ❖ OSPF
- ❖ BGP
- ❖ CCNP
- ❖ ROUTING
- ❖ SWITCHING

DevOps Activities:

- Support Continuous Development by managing **Gitlab** - Group, Project, User, Branches management.
- Experienced with Infrastructure as Code (IaC) **Terraform**, launch Instance create VPC with subnet, Internet gateway, route table and security group.
- Automating Configuration Management of different servers like Dev, QA, Build using **Ansible** adhoc cmd ,writing playbooks and using modules.
- Experience in implementing continuous integration using **Jenkins** , creating and configuring new builds jobs, CI/CD pipeline, multiple plug-ins managements, distributed builds using Master-Slave concept and other administration tasks.
- Experience in working with Creating **Docker** images from Containers ,Setting up of own Docker registry, Docker Volumes and port mapping, creating Base Image, App Image using dockerfiles in Docker.
- Creating **Kubernetes** manifest files like daemon sets, replica sets, deployments and managing Containers and Pods.
- Configured HPA for High availability in K8's.
- Creating & configuring persistent volumes, persistent volume claims in k8's.
- Automated **Kubernetes** Deployments using **Gitops** & **Helm.**
- Continuous Monitoring of Build server, Deployment server, Kubernetes Cluster, Application & Services using **Prometheus and Grafana.**
- Log management using **EFK.**

NETWORK ENGINEER

- Good Knowledge about networking devices : Router & Switches.
- Handling trouble tickets for severity Major-Minor-Service Request type.
- Troubleshooting various network issues like Link down, Link Flapping, Packet Loss and Latency, etc.
- Network Technologies: LAN, MAN, WAN, NAT, TCP/IP, OSI Model.
- Networking Devices: Switch, Router .
- Switching: VLAN, STP, VTP.
- Routing: OSPF, BGP