B.Lokesh (DevOps Engineer)
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Career Objective:

To be one among the skilled resources who make collective effort to ensure growth of the organization and to gain professional work experience in the field of software domain and maintenance that would help and enhance my future career.

Professional Summary:

- Having over all 3+ years of IT experience.
- Currently working as DevOps engineer in **Myntra Designs Pvt ltd** from august 2020 to till.
- Worked as **AWS DevOps Engineer** in **Cognizant Technology solutions** from DEC 11 2017 to MAR 2020.
- Working experience with tools like **Git, GitHub, AWS, Gitlab, Maven, SonarQube, Jenkins, Terraform, Docker, Kubernetes, Rancher, Helm, Spinnaker, Ansible**.
- Good Hands-on experience in deploying applications into Kubernetes clusters like **AKS, EKS, on-prem, Cisco Container Platform.**
- Maintaining multi clusters in various cloud and on-prem environments using **Rancher** tool.
- Experience in maintaining and creating **Helm charts** and integrating with **Rancher** and **Spinnaker**.
- Configured monitoring setup for Kubernetes clusters.
- Hands on experience on **ISTIO** service mesh.
- Hands on experience in troubleshooting application deployments inside Kubernetes cluster.
- Hands on experience to create Helm charts to deploy in Kubernetes cluster.
- Experience in creating end-to-end **CI-CD** pipelines to achieve Continuous integration, Continuous testing, Continuous delivery.
- Hands on experience in creating users, Providing Code Repository access, Repositories, Branches, Tags.
- Extensive experience creating declarative pipelines in Jenkins.
- Hands-on experience in creating **Docker Images**.
- Hands on Experience on maintaining Multi Kubernetes clusters like **EKS, AKS and on-prem.**

- Hands on experience in provisioning **AWS EKS cluster** for **PROD** and **QA** environment.
- Hands on experience on deploying application into Kubernetes cluster.
- Created Private registries to store docker images in Gitlab Container Registry.
- Expertise in implementing DevOps culture through CI/CD tools like Jenkins for distributed builds (master & slave).
- Setting up of Maven, Sonar, Docker and Jenkins on build servers.
- Hands-on experience on implementing Cloud Solutions using various AWS Services including **EC2, VPC, S3, ELB, Cloud Front, AWS EKS, ECS, Cognito, Cloud Trail, Autoscaling, IAM, VPC peering, Route53, EFS, RDS, Cloud Watch, AWS APPMESH, etc.**

Academic Qualifications:

- B-Tech Electronics and Communication Engineering from Sree Vidyanikethan engineering college Tirupati.

Technical Skills:

- **AWS Services:** Ec2, EFS, VPC, ELB, Autoscaling, RDS, S3, Glacier, IAM, Amazon Kinesis, Cloud Front, Cloud Watch, Cloud Trail, Terraform, DynamoDB, Lambda, Route53, SNS, API Gateway, Code Pipeline, Code Build, Code Deploy etc.
- **Source Code Management:** GIT.
- **Operating systems:** Windows, Linux, Unix, Ubuntu, and CentOS.
- **Databases :** SQL Server, Oracle, MySQL, RDS
- **DevOps Tools:** Jenkins, SonarQube, Docker, Kubernetes, Terraform, Jira, Maven

Work Experience:

- currently working as DevOps engineer in **Myntra Designs Pvt ltd** from august 2020 to till.
- worked as **AWS DevOps Engineer** in **Cognizant Technology solutions** from DEC 11 2017 to MAR 2020.

Certification:

AWS Certified Solutions Architect – Associate

Validation Number: **QZNXK8B2P2BQQMG2**

1.Myntra (DevOps Engineer)

Project: DXP

Designation: DevOps Engineer

Duration: 2020 August to till

Description:

Myntra is an Indian fashion e-commerce company headquartered in Bengaluru, Karnataka, India. The company was founded in 2007 to sell personalized gift items. In May 2014, Myntra.com was acquired by Flipkart.

Roles & Responsibilities:

- Hands on experience in provisioning AWS EKS cluster for PROD and QA environment.
- Hands on experience on deploying application into **Kubernetes** cluster.
- Created Private registries to store docker images in Gitlab Container Registry.
- Experience in maintaining plugins, servers, versioning, properties, repositories, dependencies in pom.xml.
- Experience in build multi module projects using maven.
- Experience in Handling various build strategies as per environment.
- Experience in maintaining Jenkins Master server.
- Created master slave configuration using SSH method in Jenkins.
- Experience in creating various automation jobs in Jenkins.
- Experience in integrating various tools like Git, Gitlab, SonarQube, Maven, Docker to Jenkins.
- Hands on experience in creating pipelines in Jenkins to achieve ci-cd.
- Created users, installed various plugins, tools, taking schedule backups, setting up reverse proxy, taking logs backup, Notification's configuration.
- Worked with **DEV, QA, UAT, PROD** environment to ensure automated test efforts tightly integrated with the build system and in fixing the error while doing the Building and Deployment.
- Expertise in implementing DevOps culture through CI/CD tools like Jenkins for distributed builds (**master&slave**).
- Setting up of Maven, Sonar, Docker and Jenkins on build servers.
- Configured Security groups, Network Access Control Lists, Routing Tables for providing security.
- Cloud Watch for monitoring **server metrics, creating alarms & integrating with auto scaling**.

- Configured Security groups, Network Access Control Lists, Routing Tables for providing security.
- Managed AWS services like **EC2, VPC, S3, EBS, ELB, EKS, EFS, Snapshots, AMI, CloudWatch, Auto-Scaling group, IAM roles**, and policies through AWS Management Console.
- Hands on experience in AWS with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
- Configure Virtual Private Cloud with subnets, IGW, Routing tables, AWS security Groups, NACLs, NAT Instance and NAT gateway, manually as well as with the VPC service in AWS.
- Build Docker images with Dockerfile and make required changes and builds new images, also will test the images and implementation on the Docker images in environmental basis.
- Working experience in continuous integration, continuous delivery.

2.Cognizant (AWS DevOps Engineer):

Project: (State Farm)

Designation: AWS Engineer

Duration: 2017 December to 2020 March

Description:

State Farm is a large group of insurance and financial services companies throughout the United States with corporate headquarters in Bloomington, Illinois. The group's main business is State Farm Mutual Automobile Insurance Company, a mutual insurance firm that also owns the other State Farm companies. State Farm is ranked No. 36 on the 2018 Fortune 500 list of the largest United States corporations by total revenue. State Farm relies on exclusive agents (also known as captive agents) to sell insurance. Only State Farm agents can sell State Farm insurance, and their agents can sell only State Farm products.

Roles & Responsibilities:

- Hands on experience in provisioning instances in **AWS Cloud Platform.**
- Hands on experience creating **VPC** and **Subnets**, **Route tables**, **Internet gateways**, Nat **gateways**, **Security groups**.
- Hands on experience in **Peering VPC's** between **DEV**, **Test**, **QA** and **Prod** environments within same region or different regions.
- Creating and configuring **OpenVPN** server to connect instances security.
- Creating new users in **OpenVPN** servers.

- Hands on experience in provisioning **EC2 instances.**
- Hardening EC2 instance with Security patches after launching.
- Recovering EC2 instance **keypairs**.
- Modifying instance type in case of demanding more/less resources **(CPU/MEMORY).**
- Taking **AMI** of instances if any activity/change scheduled.
- Hands on experience in creating **Elastic load balancer** and attaching targets to load balancers.
- Troubleshooting in case of instances are **"Out of service"** in ELB.
- Creating **Launch configuration** and **Auto Scaling groups.**
- Creating new **EBS volumes**, modifying existing volume sizes or volume types.
- Taking volume snapshots of backup.
- Hands on experience into creating **s3 buckets**, maintaining **versioning** on buckets.
- Migrating one region to another s3 regions.
- By using s3 service I used to take backups of the servers and then if required moved to glacier.
- Creating **IAM** users to groups and granting minimal permissions.
- Generating or modifying **IAM Policies** and **Roles** as per requirement.
- Creating **Secure password** and **MFA** authentication to each user.
- Creating work mails by using **Simple work mail** service.
- Hands on experience in **Simple workflow** to creating services in GUI mode.
- Monitoring instance resource utilization through **Nagios.**
- Creating **alarms**, **events** and **custom matrix** in **Nagios monitoring tool**.
- Collecting trusted adviser reports timely manner and analyzing reports for cost optimization.
- Working with **Nagios support** in case of any help needed.
- Creating **Route53** hosted zones to map with public or private domain.
- Creating record sets to map with EC2 Instances/ELB.
- Mapping domain from domain registers like (**godaddy)** to Route53.
- Hands-on-experience in **DevOps tool, Terraform** It includes **Amazon Web Services (AWS), GitHub** etc.
- Knowledge in designing and maintain **Infrastructure-as-a-Code.**
- Writing .tf files to create **VPCs, EC2 Instances, ELB, S3 buckets,** etc.
- Creating **RDS** Instances and provided endpoints to database team.
- Taking RDS snapshots and restoring from snapshots.
- Hands-on-experience on Integrating **GitHub to s3** by using **Code pipeline**.

- Creating **workspaces** to users, Installing, configuring and deploying new PCs.
- Good knowledge on **AWS cloud front**.
- Good knowledge on **Application Migrations** and **Data migrations** from On-premise to AWS Cloud.
- Good Knowledge in **Data transfer migration** between different cloud Platforms.
- Good knowledge on **AWS backup.**
- Worked on creating **APIs, using HTML, and CSS** to control the style and layout of multiple pages.
- Designing and deploying scalable, highly available, Secured and fault tolerant systems on AWS.
- Administrating various environments in software development life cycle **(SDLC) Windows, Ubuntu, Red Hat Linux, and CentOS**.
- Selecting the appropriate AWS service based on **Data, Compute, Databases, or Security requirements.**
- Identifying appropriate use of **AWS Architectural** best practices.
- Estimating **AWS costs** and identifying cost control mechanisms.
- Working with **AWS support** in case of any help needed.
- Participate in on-call rotation to provide **24 X 7** production support.

Declaration:

I hereby declare that all the above written particulars are true to the best of my Knowledge and belief.

(B.Lokesh)