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Cloud/ DevOps Engineer

CAREER OBJECTIVE

Seeking a Challenging Position in a cloud environment within a large exiting company where my extensive professional and practical experience will be fully utilized for infrastructure/DevOps Professional.

PROFESSIONAL SUMMARY

- ❖ 4+ Years of professional Experience as a Cloud/DevOps Engineer with technical knowledge in AWS/Azure cloud, Build and Release Management, Continuous integration and Deployment, Software configuration management.
- ❖ Design and manage public and private cloud infrastructure using AWS, which include VPC, EC2,S3,cloud front, Elastic file system ,RDS, Direct connect, Route53, cloud watch and IAM operations were automated using cloud formations.
- ❖ Worked tracking tool such as SERVICE NOW/JIRA.
- ❖ Experienced with ANSIBLE PLAYBOOKS/ROLES for automation of configuring and provisioning multiple vms with different OS.
- ❖ Worked and configured monitoring tool of Aws cloud as cloudwatch and cloudtrail to check logs, API calls and configure with SNS service for alert alarm regarding any termination, backup issue happens.
- ❖ Worked on Multiple AWS EC2 instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- ❖ Experience in creating the company's DevOps strategy in a mix environment of Linux, Ubuntu, windows servers along with creating and implementing a cloud strategy based on Amazon Web Services.
- ❖ Worked with automation tools like Git, Maven, Jenkins, Ansible, and Docker.
- ❖ Worked with Docker and created containers and images (Ubuntu, Etc.). Configured these containers to communicate with each other.
- ❖ Worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
- ❖ Ability to assess a situation, identify problems and devise corrective action.
- ❖ Good interaction with developers, managers and team members to coordinated job tasks and strong commitment to work.

❖ TECHNICAL SKILLS

Category	Skills
Version Control System tools	GIT, GitHub
Operating Systems	Linux , RHEL , CentOS ,Ubuntu

Cloud Services	AWS (EC2,VPC, S3, EBS, EFS, ELB Autoscaling IAM, Cloud-watch DynamoDB ,Lambda, RDS, Route53,CloudFormation)
Containerization tool	Docker, Kubernetes
Ticketing Tool	Service Now Jira
Artifactory Storage	ECR , J-Frog
IAC Tool	Terraform, Cloud formation
Monitoring Tool	Cloud-watch Prometheus Graphana
Methodologies	Agile
Configuration Management Tool	Ansible
Continuous Integration Tool	Jenkin, Azure Pipeline

- **AWS Global Certification**

AWS Certified Solutions Architect – Associate

PROJECT SUMMARY :

Project- 2

Client- Vmware Role- Devops Engg

Role & Responsibility :-

- Created and configured EC2 instances for SonarQube, Nexus, and Jenkins servers using Terraform, ensuring consistent and automated infrastructure deployment.
- Installed JDK-17 and Jenkins on the Jenkins server, along with Docker to facilitate container-based deployments.
- Deployed SonarQube and Nexus servers within Docker containers on their respective EC2 instances for isolated and scalable environments.
- Installed and configured essential Jenkins plugins, including SonarQube Scanner, Nexus Artifact Uploader, Docker Build Step, Docker Pipeline, OWASP Dependency Check.
- Configured installed Jenkins plugins to ensure smooth integration and functionality, such as SonarQube Scanner, Maven, Dependency Check installation, and Docker with the required versions.
- Made integrations between Jenkins and SonarQube for continuous code quality checks and between Jenkins and Nexus for artifact storage and management.
- Created and managed an EKS cluster to deploy applications, leveraging Kubernetes for orchestrating containerized applications and ensuring high availability and scalability.
- Mounted EFS to 12 EC2 instances as a centralize storage to collect system data.
- Experienced on advanced concepts like Auto scaling and Load balancing.
- Used Checkmarx tool for static code analysis and Vulnerabilities.
- Used SonarQube tools for continuous inspection of code.
- Documented all the activities and tasks performed by our team.
- Interacted with developers to sort out issues related to Build Automation..
- Participated in performance test and providing system resource details to testers

PROJECT SUMMARY :

Project- 1

Client- Cisco Role-Aws Engg

Role & Responsibility :-

- Create and maintain S3 buckets, manage policies, and use Glacier for storage and backup on AWS.
- Manage IAM services in AWS for user roles and policies, create custom users and groups via IAM.
- Use Jenkins, Git, and Docker for CI/CD, configuration management to automate tasks.
- Create and manage Docker images, containers, and volumes using Docker files.
- Implement and maintain Ansible playbooks for configuration management and server automation.
- Use Kubernetes for automating deployment, scaling, and operation of application containers across clusters.
- Write and manage Terraform scripts to provision and manage AWS resources like EC2 instances, Elastic Load Balancers, and S3 buckets.
- Reported to DevOps Manager, who will coordinate with teams outside of the development group.
- Create and Modified Terraform Modules from scratch like VPC , ALB , RDS, S3.
- Implemented Amazon EC2 setting up instances and take Snapshot of EBS Volume, virtual private cloud (VPCs), and security groups .
- Worked on GIT –created branches,tag merging and Experience in GitLab and Configure git with Jenkins and schedule jobs using POLL SCM option.
- Experience in Dockerizing Applications, In Dockerfile Create Docker images and configuring the Docker Containers.

• CARRIEER PATHWAY

Designation	Organization	Duration	Work Field
Biomedical Engineer	DMH,PUNE	March 2013 To October 2018	Medical Information Technology
Team Member	MHB, Bangalore	NOV 2018 To June 2019	Biomedical IT Support
Cloud/Devops Engineer	Perfexion Information Technologies Pvt Ltd	SEP 2020 To Till Now	AWS/DEVOPS ENGG

• QUALIFICATION

Course University / College	University/College	Mark Obtained	Passout Year
Bachlelor of Engineering	<u>Solapur University,Solapur</u>	<u>A+</u>	<u>2011-2012</u>

• Personality Traits

I am a responsible, responsive and reliable individual with strong willpower, problem-solving & analytical skills. Always ready to learn & undertake challenges, good management skills & have the ability to form cohesive team environments.