Dhaval Shah

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Work Experience

- **DevOps Enginee**r ,
  Simform Solutions Pvt Ltd, Ahmedabad   **NOV,2019– present**
- **DevOps Engineer** ,
  Addweb Solution Pvt Ltd, Ahmedabad   **JUN,2019–OCT,2019**
- **Network Engineer ,**
  Intellimedia Networks Pvt Ltd, Ahmedabad   **March,2018–JUN,2019**

Skills and Proficiencies

- Scripting Language*s*: bash , Groovy
- SCM : Git , Bitbucket
- CICD tool: Jenkins, AWS pipeline
- Cloud: AWS
- AWS service: EC2,ELB,VPC,S3,CloudFront,IAM,RDS,Route53,EFS,CloudWatch,CloudTrail, CodeCommit,Opsworks,SNS,SES,AWS Pipeline,ECS,Code Build,code Deployment ,ECR, System manager,EKS,Elastic-beanstalk.
- Security tools: Aws config , Security hub , Prowler , Aws Guardduty.
- Infrastructure as code: terraform
- Containerization: Docker
- Container Management: Kubernetes
- Configuration Management: Ansible
- Package Manager: Helm
- Monitoring : Prometheus , Grafana , Cloud watch
- Routing configurations: static routing.
- Switching configurations: VLAN

Projects

Auction Mobility:

   - My role in this project is to create deployment, services and Hpa yaml files and convert them into helm charts and then integrate with Jenkins CI/CD in Dev Environment .

   CICD pipeline workflow is as follows:

   1 . First the docker image is built after successful build of docker image , image is pushed to ecr (elastic container registry)

   2 . deploy the Dev environment with the helm chart.

   4 . deploy to QA and follow same steps as dev environment

   Tools and technologies used:

   Jenkins , Docker , Kubernetes , Helm , Shell script

Locar:
Task Handel:
   - Creation of 3 environments Dev, QA, Prod.
   - role in this projectis to create ECS (EC2) with terraform in dev env, stage and production environment with ECS(fargarte).
   List of Resources will be created are as follows
   1.Create VPC with public private subnets
   2.Route Tables attach to subnets
   3.Internet Gateway attach to public subnets
   4.security groups and roles for ECS Cluster and Task definitions and services
   5. for production i have created two LB because for deployment i have used blue-green deployment.
   6. For CI/CD i have used AWS CodePipeline
   CICD pipeline workflow is as follows
   1 . create buildspce.yaml file for code build and build the docker image and push into ECR
   2 . and after that update task definition using AWS CLI Command and update services.
   3 . when services will update, the task is automatically updated.
   4 .IN Production Blue/green Deployment we have used so first Blue environment will be deployed and after success automatically deploy to Green environment
   5. if any issue is face into Blue env then previous
AWS services :
 ECS , AWS CODEPIPELINE, CODE BUILD , CODE DEPLOYMENT ,RDS

Android Build:
 For Android deployment use bitrise and steps are below
 1 . attach to bitbucket
 2 . clone the repo in bitrise
 3 . android build use Gradle
 4 . after build apk is deploy to appcenter

Ortholoop:
 1. Create infrastructure on AWS with elastic beanstalk and dockerize the application
 2. prepare the CI/CD pipeline for the automatic deployment of the application in the beanstalk environment with the updated application version
 3. prepare terraform script for grafana to monitor the environment.
 4. configure the aws config and macie for the security purpose and make the resources compliant.
 Tools and Technologies:
, Docker, Jenkins, Elastic Beanstalk , NodeJS, Git .

 3 birds:
 1. Create infrastructure on AWS with terraform.
 2. worked and configured the automation marketing tool mautic.
 3. configured the system manager for the automatic patches for the instances.
 4. configure the sonarqube to check the code quality.
 Tools and Technologies:
 Terraform, mautic , sonarqube , aws

SaveSimply:
 Create infrastructure on AWS with terraform and implemented CICD pipelines for multiple micro-services
 Tools and Technologies:
 Terraform, Docker, Chef, Jenkins, GIT, NodeJS, ReactJS, Python 3, PostgreSQL

AWS Services: route53, VPC, Cloud front, S3, application load balancer, EC2, RDS, SQS, Cloud watch, IAM, SNS

Network Engineer(L1)
Intellimedia Networks, Ahmedabad

Tasks Handled

- Worked with supervisors to install, configure and administer IT architecture.
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3 and , including backups , and scaling
- Established bandwidth allocation for particular users depending on the user's strategy.
- Live broadcasting and streaming through streaming equipment.

Academic Qualification

- 10 TH -72.15% aggregate,2010 Gujarat Law Society, Ahmedabad
- 12 TH -54.15% aggregate,2012 Gujarat Law Society, Ahmedabad
- B.E. CGPA -7.65 Electronics and communication from silveroak college.
  (A.I.C.T.E approved, affiliated to G.T.U. university, Gandhinagar)

DECLARATION

I certify that the particulars given above are correct and complete to the best of my knowledge and believe that nothing has been concealed by me.

Thank You
Dhaval Shah