KANUMURI VINEESH

DevOps Engineer

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# Profile Summary

An experienced IT Professional with total 4 years & 3 months experience and 3 years in DevOps with AWS Cloud & System Administration.

* Experience in Public Cloud : Amazon AWS Services EC2, VPC, S3, ROUTE53, IAM, CloudFront etc.
* Experience in Infrastructure-as-Code tools like Packer, Terraform, Ansible etc.
* Experience in Docker & Kubernetes
* Experience in CI/CD setup using Jenkins & GitHub
* Experience in Monitoring & Alerting tools like NewRelic, DataDog, PagerDuty etc
* Experience in Centralized Logging tools like Splunk & ELK Stack.
* Experience in Infrastructure Orchestration using Terraform.
* Experience in System Administration & Scripting as per process Requirements

# SKILLS

* AWS : EC2, VPC, S3, ROUTE53, CLOUDFRONT, IAM,
* Terraform, Packer, Ansible
* Jenkins, Github
* Docker, Kubernetes
* Newrelic, DataDog, PagerDuty, Grafana, Slack
* Splunk, ELK Stack

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# EXPERIENCE

## Company Name: IBM

## LOCATION: Bangalore

## Designation: *DevOps Engineer*

**Client : Scottish Power**

* Environment : AWS
* Team Size : 6
* Role & Responsibility :
* Setup and maintain cloud-based infrastructure (AWS).
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Gather customer requirements and translate the application requirements to provide AWS solutions
* Creating architecture on AWS, document the design and provisioning the infrastructure on AWS.
* Design and implement Security using VPC, IAM, Security Groups and NACL.
* Working within the AWS infrastructure for configuring a secure VPC and VPC PEERING across vpc’s
* Worked on multiple AWS instances like Elastic Load Balancer (ELB), Security groups, and AMIs, Autoscaling to design cost effective strategies.
* Worked in AWS environment, instrumental in utilizing Compute Services (EC2, ELB), Storage Services (S3, Glacier, Block Storage, Lifecycle Management policies, VPC, RDS, and Cloud Watch.
* Creating manual Kubernetes Cluster and deploying applications into Amazon EKS cluster.
* Help Development teams automate the environment setup using tools like Ansible/Chef/Puppet.
* Setup DEV, QA and UAT environments for every sprint using Puppet/Ansible.
* Design AWS infrastructure based on the application requirements.
* Created Multifactor Authentication for AWS Users in the organizations.
* Ensure appropriate redundancy and fall backs in all server environments.
* Writing Docker Files for all microservices in the applications.
* Writing manifest files to deploy microservices components into the Kubernetes cluster.
* Creating and managing Autoscaling for all application in the Kubernetes cluster.
* Implemented python scripts to have Infrastructure as Code.
* Build engineering automation and productivity tools to streamline deployment pipeline
* Troubleshoot and resolve issues related to application deployment and operations
* Working with cross functional, geographically distributed team to provide 24X7 deployment support across multiple environments.
* Involved in designing and deploying a multitude application utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, IAM, Code Commit, Code Deploy, Code Pipeline) focusing on high-availability, fault tolerance, and auto-scaling.
* Written Ansible Playbooks to automate our build/deployment process and do an overall process improvement to any manual processes.
* Setup and Configure the continuous build system using Jenkins and running automation smoke / nightly test suites.

## Project :2

## CLIENT: CITI BANK

MONTH 2020 - PRESENT

**Project Name : XXXXX**

* Installing and configuring Git, Jenkins, Docker, Ansible.
* Creating new branches and merging using Git.
* Providing support & helping developers in git related issues.
* Configuring plugins in pom.xml and adding dependencies using build tool maven.
* Used Jenkins for continuous integration and deployment on apache tomcat.
* Creating Jenkins jobs, monitoring Jenkins jobs & managing plugins.
* Running Adhoc commands using ansible, written inventories, and playbooks to automate the deployments, infrastructure.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes
* Experienced Cloud and DevOps engineer in Automating, Configuring and deploying instances on AWS.
* Created Pods and managed using Kubernetes.
* Building/Maintaining Docker container clusters managed by Kubernetes.
* Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploys.
* Worked on deployment automation of all the micro services to pull image from the private Docker registry and deploy to Kubernetes cluster.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, GIT, Docker, on AWS.
* Worked on infrastructure with Docker containerization and maintained Docker Images and containers.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploys.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Launching ec2 instances (Rhel/Centos/) and configured launched instance with respect to specific application.
* Creating s3 bucket & Perform s3 buckets creation, versioning and policies.
* Creating/managing Ami/snapshots/volumes.
* Troubleshooting application related issues by log verification.
* Coordinating with development & testing team to gather requirements and resolving any configuration & deployment issues to provide smooth release.

# EDUCATION

## Under Graduation :

## BTECH : Saveetha University (2012-2016) 80 CGPA Chennai,

## Intermediate : Chaitnaya JR College (2010-2012) 87% Tirupathi.

## School: K.M.K High school (2001-2010) 67%