

GAURAV ANANDANI

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📍 Sector 10/296 Malviya Nagar, Jaipur

OBJECTIVE

To work in globally competitive environment on challenging assignments that shall yield the twin benefits of the job satisfaction and a steady-pace professional growth.

EXPERIENCE (2 YEAR'S)

January-19 -
May-19

Adhoc Networks

Junior DevOps Engineer

Experience of working with RHEL 7, Ubuntu and other Linux OS.

I made an project on Python with Redhat Linux server. And implemented the Docker Containerised Service.

I had also learned an AWS and done the practical experience on that on daily basis. And worked on Infrastructure creation through Ansible CLI and playbooks.

June-19 -
February-20

Ambient Infotech

Linux System Administrator

Experience of work on WHM and CPanel on the live servers.

Setup many Magento and WordPress on the core servers with fullfill all the server side dependencies.

Setup sites on Nginx and Apache Web Servers

And created the Infrastructure on AWS with multiple EC2 instances using multiple services with Virtual Private Cloud(VPC) with Elastic Load Balancer for maintain the load between Instances and the database backups stored in S3 bucket through cron jobs in private Instances.

March-20 -
Present

Fifty Five Technologies

DevOps Engineer

I am working as a DevOps Engineer. I had built an Infrastructure for run multiple applications on kubernetes cluster(GKE) and maintaing the hole Infrastructure as a code with Terraform. And for CI/CD I had used Google Cloud Build with auto or manual trigger the pipelines using Gitops methodology. And also worked on Azure Devops for host the python application in azure web services and I managed build and release through azure pipeline.

EDUCATION

2019

International School of Informatics & Management (R.T.U)

M.C.A

68.75%

2017

Apex Institute of Management & Science (R.U)

B.C.A

62.87%

TECHNICAL PROFILE

- Work Experience on Google Cloud Plateform(GCP) with GKE
- Work experience on Azure cloud platform with Azure DevOps
- Work Experience on CI/CD with Gitops methodology using Google Cloud Build
- Work Experience on AWS with Elastic Kubernetes Service (EKS) and Virtual Private Cloud (VPC)
- Hands on experience with Kubernetes
- Deployed Google AI with GKE cluster
- Solid experience with Linux administration.
- Setup many core servers with fullfill all the server side dependencies.
- Ability to work effectively within a team and with minimal supervision.

- Hands-on experience of software containerization platforms like Docker and container orchestration tools.
- Knowledge of major cloud service providers, like AWS, Azure etc.
- Good hands-on experience of Source Code Management (Version Control System) tools like Git.
- Experience with server-side technologies such as Apache, Nginx.
- Experience of using the Docker Compose for load balancing techniques.
- Experience with automation / integration tools like Jenkins.
- Shell programming experience with Bash, strong command-line, and experience with Python. Server automation with Ansible.
- Database administration experience.

CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA)
- Certificate of training on AWS & Python

PROJECTS

- **Infrastructure with Gitops methodology**
 - This project is built on Kubernetes and all applications are running on GKE cluster.
 - In this project the application is deployed automatically in development environment whenever a Developer commits the code and for Production environment the code is deployed whenever all requirements are fulfilled and run manually trigger for manual deployment (for that we are using Google Cloud Build Triggers)
 - Created an Infrastructure on GCP by terraform and maintaining Infrastructure as a code.
 - It handles a proper setup of an agile methodology for development.
- **Create Infrastructure on Azure Cloud**
 - Created resource group with all services including web app service through terraform
 - Hosted the application of python in azure web app service
 - Used azure pipelines for maintaining the Continuous Integration and Deployment
- **Create Infrastructure on AWS**
 - Created Private EKS Cluster for hosting multiple applications through Terraform
 - Created Virtual Private Cloud (VPC) for the Communication with Kube API from client side
- **Cloud Env**
 - This Project is made up on Python3 & RHEL 7 System.
 - It gives an access of VPS to the users.
 - It manages the Port automatically for the identity of the specific OS.
 - It gives the Graphical Access of the OS to the user with the help of NOVNC Server.
 - It needs an authentication before creating an VPS.
 - It also provides the SAAS service to the user by using the Docker Container.

TECHNICAL SKILLS

- **Kubernetes**
 - Deployed the applications on pod Deployment, Stateful, Replica and Daemonset.
 - Hosted the live application on kubernetes cluster with GKE.
 - Use Different helm charts for deploying the tools like nginx-ingress controller, Elasticsearch with Fluentd and Kibana, Grafana, Maria DB, Vault.

- **Terraform**

- Built an Infrastructure with different providers.
- Created different modules for cluster creation, triggers creation, IAM roles, KMS keys.
- Created an Regional Cluster to create worker nodes in every zone of that region through terraform.
- Deploy Helm charts & Kubernetes resources in the cluster through terraform

- **GCP**

- Build cloud build triggers for Continuous Integration and Continuous Deployment (CI / CD).
- Created GKE cluster with different node pools.
- Maintain the Cloud DNS for maintaining the records.
- Used Google Container Registry (GCR) for private docker registry.

- **AWS**

- Hand's on experience of AWS Services.
- Created Private EKS Cluster with Virtual Private Cloud (VPC) through Terraform
- Created S3 Bucket for hosted the static site.
- Recover the lost key pair with some techniques.
- Maintained the live servers that hosted on AWS.
- Managed Mail service using Amazon SES Service.

- **Docker**

- Built and deployed Docker containers.
- Pull and Push the Images from Docker Hub and GCR.
- Created own Images for the specific purpose with Docker File.
- Created Multi Stage Docker Images.

- **LINUX OPERATING SYSTEM**

- Installation and upgradation of OS, Kernel and additional Packages using RPM and YUM.
- User administration and password policy management.
- Knowledge in booting and shutdown procedure.
- Having the knowledge of configuring different servers (FTP, WEB, NFS, SAMBA, Send mail & Autofs).
- Having the knowledge of configuring IPtable rules, SELINUX.
- Monitoring server performance and application process.
- ISCSI Server configuration & client configuration
- Configuration of swap.
- Good knowledge of File System management and ACL and Backup Tools.
- Troubleshooting Linux, User and Group management,
- Analyzing and Rectifying Login and Booting Issues.
- Having the knowledge of creating LVM.
- Configuring crontab and scheduling the jobs.
- Good understanding of error logging subsystems.

- **Python (CGI)**

- Implemented Common Gateway Interface with Linux Scripting for the automation scripts to run with Python.
- Used NOVNC server with python.

- **Ansible**

- Used ansible cli for installing and maintaining the packages and their configurations.
- Created many playbooks for automation.

- RS-CIT Certificate
- Marathon Medalist
- 2nd prize of Badminton Competition
- Participated in different cultural activities

PERSONAL DETAILS

- Father's name : Parmanand Anandani
- Date of Birth : 02/01/1998
- Gender : Male
- Marital Status : Single