

# ANURAG VASHISHTH

DEVOPS ENGINEER

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## Professional Profile

- . Having **6 months** of experience in Software Configuration Management, Build/Release Management and Change/Incident Management. "Experience automation using Docker, Kubernetes, Ansible, Terraform, Jenkins, Prometheus, Grafana Shell Script, Git and cloud automation using AWS.

## PROFESSIONAL EXPERIENCE

- Experience with **AWS (Storage, Application Services, Deployment and Management)** and managed servers on AWS platform instances using **Ansible** configuration management.
- Experience in creating, debugging, diagnosing and troubleshooting, build scripts on Linux platform.
- Experience in scripting languages including **Shell Scripting and Python Scripting**.
- Experienced working with a configuration management tools like **GIT**.
- Experience in implementing merging strategies, Tagging and delivering using GIT as source control.
- Experience in Configuring and Integrating the Servers with different environments to automatically provisioning and creating new machines using Configuration management/provisioning tools like **Ansible**.
- Significant experience with Amazon Web Services (AWS) and with the configuration of various Amazon products (**Amazon EC2, Elastic Load Balancing, Auto Scaling, Amazon S3, Amazon VPC, Amazon SES, Amazon SNS, Amazon IAM, Amazon Cloud Watch, Amazon Elastic Beanstalk, Amazon Cloud Formation, Route 53, and Amazon RDS**).
- Created network architecture on **AWS VPC**, subnets, Internet Gateway, Route Table and NAT Setup.
- Working with **Route 53**, DNS failover and setting up Latency based routing, weighted routing Policies.
- Configuring, Automating and Deploying **Ansible** for configuration management to existing Infrastructure.
- Virtualized the servers using **Docker** for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Experience in creating **Docker Containers** leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
- Implemented HA **Kubernetes** architecture.
- Managed **Docker** orchestration and Docker containerization using **Kubernetes**.
- Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Container
- Container management using Docker by writing **Docker files** and set up the automated build on Docker HUB and installed and configured **Kubernetes**.
- Involved in Package applications with Helm and writing **Helm charts** for applications.
- Automatically build and deploy **Helm Charts using Jenkins**
- Installing and configuring **Terraform** and building the infrastructure using terraform configuration file.
- Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service, Kubernetes**, worked with **Terraform**.

## EDUCATION

- B.Tech from Rajasthan Technical University (RTU), (2017 – 2021).

## WORK EXPERIENCE

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- Working as a DevOps Middleware Engineer at **AU Small Finance Bank**, from March 2022 to till date.

## PROJECT-1

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Name : CBS  
Role : DevOps Middleware Engineer  
Duration : March-2022 to till date

### Responsibilities:

- Installation, set-up, and management of Kubernetes Cluster.
- Installation and configuration of monitoring dashboard using Prometheus and Grafana.
- Automate the patch implementation process using the bash shell script and with Jenkins Pipeline.
- Automate the deployment procedure for various internal application using bash shell script.
- Developed scripts for build, deployment, maintenance and related tasks using Jenkins, Docker and Bash
- Managed different infrastructure resources, like Instances and Docker containers using Terraform.
- Develop a continuous deployment pipeline using Jenkins, shell scripts.
- Installing, Configured and management in Ansible Centralized Server and creating the playbooks to support various application servers.
- Written the Ansible YAML scripts to configure the remote servers.
- Worked on creating the Docker containers, Docker container images, tagging and pushing the images and managing the application life cycle.
- Deploy Docker Engines in Virtualized Platforms for containerization of multiple applications.
- Managed Kubernetes charts using Helm. Applications managed Kubernetes manifest files and managed releases of Helm packages.

## TOOLS AND TECHNOLOGIES

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- AWS
- Docker
- Kubernetes
- Ansible
- Terraform
- Git
- Jenkins
- Linux
- Prometheus
- Grafana



