

Work Profile

Name: - Kumar Shreyansh
B. Tech (Redhat CSA & AWS CSA)



Skillsets / Expertise

a. Total Work Experience (Yrs) : ~2.5

b. Technical Skills

Platforms	Linux, Red Hat, Cent OS, Ubuntu
Cloud / Virtualization	AWS (EC2, ELB, Route53, S3, RDS, IAM).
Languages	Shell scripting
Configuration Management	Ansible, Terraform
Source Code Management	GIT
Continuous Integration	Jenkins
Build tools	Maven.
Web and Application Servers	Apache Tomcat 8.x, Odoo Apache2, Nginx, IIS
Databases	MySQL, RDS, Mongo DB, PostgreSQL
Containerization	Docker, Kubernetes
Monitoring tools	Cloud Watch
Others	GIT, Maven, Java, Tomcat, Terraform, kubernetes, Jenkins, Red hat, Ubuntu, Ansible, HP Data Protector

c. Professional Experience

- Configuring and maintaining AWS such as EC2, S3, Route53, IAM, VPC, RDS, Cloud Watch.
- Designing HA, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs
- Administering Jenkins and secured Jenkins with role based access controls and matrix based project access.
- Snipe-IT Automation using Ansible
 - <https://github.com/kumarshreyansh/snipe-it-ansible>
- Published blog on REST API
 - <https://kumarsinfra.medium.com/>

Work Experience

1. Project: - DXC B'lore (HP)

My responsibilities in the project include: -

1. User Administration on servers, configuring user profiles, troubleshooting and resolve user related tickets
2. Implemented AWS Cloud platform and its features which includes EC2, VPC, RDS, IAM, S3, EKS
3. Installing, configuring and administering enterprise backup systems using HP Data Protector
4. Used Shell scripts to resolve auto alerts
5. Used Kubernetes to orchestrate the deployment, scaling and management of Docker containers
6. Migrating the existing infrastructure/application to Containerization model.
7. Extensively worked with Version Control System Git and GitHub
8. Providing Access Management support for entire HPI account

2. Project: - TechM

My responsibilities in the project include: -

1. Providing Infrastructure support on Major Incidents
2. Investigate/Resolve alerts triggered by system monitoring
3. Responsible for setting Cron jobs on on-premise server
4. Hands on writing Ansible Playbooks
5. Installing, configuring and troubleshooting on various Amazon machine images like Amazon Linux AMI, Red Hat, Ubuntu, Windows
6. Providing support to existing infrastructure in AWS
7. Perform Health Check as part of daily activities in all the environments - LVM management, creating PV, VG, LV, increasing the size of LV - Disk space optimization for various mount points.

