

Mukesh Sharma
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To work in a learning and challenging environment, utilizing my skill and knowledge to the best of my abilities and contribute positively to my personal growth as well as growth of the organization.

Experiences

Total Experience: 5.5 years

Designation: DevOps/Cloud Infra/Linux Admin

DevOps Engineer:

Jan 2021 to Present.

Scry Analytics India Pvt Ltd.

- Managing Amazon Web Services (**AWS**) infrastructure with automation and orchestration tools such as **Terraform**.
- Created CI/CD Pipelines for Build and Deploying Applications into Various Environments using ansible & Jenkins.
- Setting up **Kubernetes** cluster on the aws cloud using **Ansible**.
- Managing Kubernetes internal objects like pods, deployment, service, jobs, ingress controller, PVC, secrets, configmaps for java based application.
- Kubernetes ingress Load Balancer setup and setting up path-based and domain-based routing using Nginx Ingress controller.
- Deploying containerized applications on kubernetes cluster.
- Set up Mongo-Db Standalone & ReplicaSet cluster on the aws cloud using **Ansible** along with SSL based Authentication.
- Setup kafka Standalone & cluster along with kafka connect on the aws cloud using **Ansible** along with SSL based Authentication.
- Setting up nginx as a reverse proxy for the various web applications.
- Written shell Scripts to take backup of mongoddb and placed into the s3.
- Written Shell Scripts to take backup/Restore of the DocketVolumes.

DevOps Engineer:

Orange Business Services

Sep 2019 to Jan 2021

- Responsible for architecting, designing, implementing and supporting cloud based infrastructure and its solutions.
- Managing Amazon Web Services (**AWS**) infrastructure with automation and orchestration tools such as **Terraform**.
- Proficient in AWS services like VPC, EC2, S3, ELB, AutoScaling, EBS, IAM, Route 53, CloudWatch, SQS, CloudTrail, EKS, AWS Config, Endpoints.
- Experience designing and implementing container based applications on Openshift through GITLAB Pipeline.
- Used **Openshift** to orchestrate the deployment, scaling and management of Docker Containers.
- Knowledge of other container based technologies like **Docker/Kubernetes/EKS**.
- Experience in Configuration management Tools like **Ansible**.
- Worked on developing Ansible playbook/Roles to automate various systems and tasks (e.g. automating code builds and deployments) using Jenkins.
- Experience in **Jenkins** Declarative/Scripted Pipeline to build and deploy E2E Test.
- Knowledge of Scripting languages like **Shell**.

Cloud Infra Engg.

Paytm.com Noida, Haryana

Jan 2017 to March 2019

- Responsible for architecting, designing, implementing and supporting cloud based infrastructure and its solutions.
- Managing Amazon Web Services (AWS) infrastructure with automation and orchestration tools such as terraform.
- Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, IAM, Route 53, CloudWatch, CloudTrail.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances to the internet.

- Used security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL, and wrote shell scripts to bootstrap instances.
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS accounts and its resources.
- Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
- Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
- Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments.
- Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Shell scripts to automate routine jobs.
- Implemented Continuous Integration using Jenkins and GIT from scratch.
- Working with Ticketing Tools(jira).

Linux System Administrator

ORBIT Support Services (P) Ltd

December 2015 to January 2017

- configure, and maintain systems, including software installation, update, and core services.
- Create and configure file systems and file system attributes, such as permissions,, access control lists, and network file systems.
- Using shell scripting to automate system maintenance tasks.
- Configuring system logging, including remote logging.
- Understand and use essential tools for handling files, directories, command-line environments, and documentation.
- Monitoring and managing Linux application servers.

- Installation and configuration of Nagios monitoring tool.
- Manage user account security and user password security.
- Configure remote system logging services, configure system logging, and manage system log files using mechanisms such as log rotation and compression.
- Configure default permissions for users and use special file permissions, attributes, and access control lists (ACLs) to control access to files.
- Server troubleshooting and system administration in Linux Redhat environment.
- Remotely handles the escalated problems of branches.
- Create users & configure all the authorizations in Linux environments.

Technical Proficiency:

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- Operating systems: Centos/Rhel/Ubuntu
 - Cloud: AWS
 - Provisioning Tool: Terraform
 - Scripting: Shell
 - Configuration Mgt. Tools: Ansible/Jenkins/Gitlab-Pipeline/Puppet
 - Containerization: Docker/kubernetes/OpenShift/EKS/ingress.
 - Monitoring Tools: Zabbix/ELK/Cloudwatch

Certifications/Licenses

Aws solution architect

November 2017 to November 2020

Aws sysops

December 2017 to December 2020

Academic Qualification:

B.E in Electronics and Telecommunication

Ch. Devi Lal University - Sirsa, Haryana

June 2008 to June 2012

12th in Non-Medical H.B.S.E- Faridabad, Haryana
June 2007 to June 2008

10th in Science H.B.S.E- Faridabad, Haryana
July 2005 to June 2006

Personal Information:

DOB :23-04-1989 Marital Status : Unmarried

Father's Name : Mr. S.S. Sharma

Address :28/1, LANE NO.3, NIT Faridabad, Haryana ,121005

The above Statements are true to the best of my knowledge and belief.

Date: _____

Place: _____

Mukesh Sharma