

Tushar Joshi

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Career Objective My goal is to become associated with a company where I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.

EXPERIENCE

August 2018 – Present **GIP Technologies Pvt Ltd**

DevOps Engineer

Roles and Responsibilities:

AWS:

- Infrastructure Development on AWS by employing services such as IAM, EC2, VPC, RDS, Cloud Trail, Cloud Watch, S3, EBS, Route 53.
- Responsible for architecting, designing, implementing and supporting of cloud based Infrastructure and its solutions.
- 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 through hosts.
- 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.
- Used AWS Beanstalk for deploying and scaling web applications and services developed.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL and Windows.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
- Used **IAM** for creating roles, users, group and also implemented to provide additional security to AWS account 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 EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.

Devops:

- Experienced in DevOps tools such as Ansible, Jenkins, Git, Github and Docker.
- Experienced in Branching, Merging, Tagging and maintaining the version across the environments GIT on Linux platforms.
- Worked with GIT version controls. Setting up new development branches, merging branches, facilitating the releases.
- Managed version control tool GIT to version code changes to help developers/pro-grammers branch/merge/revert code.
- Setting up the new repos, managing the permissions for various GIT branches. Creating adhoc GIT stashes.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
- Built deployment pipelines using Jenkins as a frontend for continuous deployment to local staging and test environments and to production environments, Adding a slave node to Jenkins

- Integrating Maven with Jenkins for Continuous Integration process, Integrated sonarqube with Jenkins for maintaining quality of code for Continuous Integration Process.
- Installation of ansible, Configuring Ansible Roles, Write Playbooks,
- Worked on Deploying the container using Kubernetes, Creating the replicas, Management of the container in kubernetes.
- Worked on Python.

Linux:

- Experienced in basic command line, user management, password policy, user permission special permission.
- Partition of Linux system, Group management, LVM partitioning, Crontab utility.
- ACL based permission, Archiving and copying files between systems.
- FTP server, Apache, LAMP Server.
- Firewall, SSH, Process Management.
- Software Management tool Yum, RPM, APT.
- Compression/Decompression tool TAR, gzip, bzip2.
- Linux Shell Scripting

ACADAMIC QUALIFICATION

Degree in Bachelor's of Commerce in Computer Application from Rashtrasant Tukadoji Maharaj Nagpur University and studied at Dharampeth College Nagpur.

Examination	School / College	Board OR University	Year of Passing	Percentage
B.C.C.A	R.S.M.D.A.C.C	RTMNU	2018	71
HSC	R.S.M.D.A.C.C	MSBSHSE	2014	53
SSC	Paranjape High School Nagpur	MSBSHSE	2012	65

CERTIFICATION **AWS Certified SysOps Administrator – Associate**
Credential ID :- 7Q4RH8TLC2R4Q7GR

Jetking Certified Hardware and Network Engineer + Cloud V1
Credential ID :- JK-NM-CT-00090

Technical Skills

LINUX:

- Creating, Viewing and Editing file, Managing local user and groups.
- Controlling access to files with Linux file system permission.
- Software Management (YUM configuration), RPM.
- LVM Management, Disk Management and Partitioning.
- File System Management. • Basic Network Management (IPv4 and IPv6).
- Firewall and Services Management.
- Cron and at job scheduling.
- File server: NFS, Samba, FTP.

AWS+Devops:

- Experienced in DevOps tools such as Ansible, Jenkins, Maven, , GIT, Docker, Terraform.
- Experienced in strategy and practical implementation of AWS Cloud-Specific technologies which include EC2, EBS, S3, VPC, RDS, ELB, ECS, Cloudformation, Cloudwatch, Lambda and RDS.
- Worked on cross platform tools such as version control.
- Experienced in setting up Baselines, Branching, Merging, Develop, manage Pre-and Post-commit hook scripts; provide support for parallel development.
- Experience working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- Experienced in Branching, Merging, Tagging and maintaining the version across the environments using SCM tools like GIT on Linux platforms.
- Worked with GIT version controls. Setting up new development branches, merging branches, facilitating the releases.
- Setting up the new repos, managing the permissions for various GIT branches. Creating adhoc GIT stashes.
- Integrated Maven with Jenkins for Continuous Integration process.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
- Extensive experience using MAVEN as a Build Tool for the building of deployable artifacts from source code to write Pom.xml and Build.xml respectively.
- Worked on installation of Docker using Dockertoolbox.
- Worked on creation of custom Docker container images, tagging and pushing the images.
- Automated the process of Apache Webserver installation, configuration using Ansible.
- Installation and configuration of Terraform.
- Knowledge of Terraform.

HOBBIES

Collecting Currencies of different countries
Playing cricket
listening music

PERSONAL VITAE

Name :- Tushar Joshi
Father's Name :- Subhash Joshi
Sex :- Male
Marital Status :- Single
DOB :- 28/09/1995
Language Known :- English, Marathi, Hindi, German

DECLARATION

I hereby declare that the above information is true to the best of my knowledge.

Date :-

Place :-

Tushar S Joshi