

Amar Prakash Zilpe

At post Sindi (RLY), Tah: Seloo, Dist: Wardha.442105, MH

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Use my skills and knowledge of fault-tolerant solutions for daily monitoring and maintenance of mission-critical production infrastructure. Aspiring for a Bright and a challenging career in the field of IT Technology, which would enable me to upgrade myself with emerging trends and technologies.

Work Experience:

GIP Technology Private Limited as Devops Engineer, Jaipur (June-2017 till present)

Roles and responsibilities:

Amazon web services (AWS):

- Proficient in AWS services like VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch.
- Played a key role in automating the deployments on AWS using GitHub, Terraform and Jenkins.
- 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.
- Used AWS Beanstalk for deploying and scaling web applications and services developed.
- 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 Windows and basic shell script.
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
- Written cloud formation templates in json to create custom VPC, subnets, NAT to ensure successful deployment of web applications.
- 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.
- Experienced in creating RDS instances to serve data through servers for responding to requests.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.

Environment: AWS (EC2, VPC, ELB, S3, EBS, RDS, Route53, Cloudwatch, Cloudformation, AWS Auto Scaling, Elastic Beanstalk), AWS CLI, Linux.

Devops:

Roles and Responsibilities:

- Experienced in DevOps tools such as Git, Github, Gitlab, Jenkins, Maven, Docker and Kubernetes, Ansible, Terraform.
- Responsible for building end to end pipeline using git, gitlab, sonarqube, selenium, Jenkins, ansible, docker.
- 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.
- Experienced in setting up the CI/CD pipelines using Jenkins, Maven, GitHub, Terraform and AWS.
- 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 with Ansible, I have written several playbooks in ansible to automate nodes.

Automation Tools: Docker, ansible, kubernetes, AWS EKS & ECS, git, gitlab, github, Sonarqube, Jenkins, Terraform, Nagios.

Cloud Platform: Amazon AWS, Google cloud GCP

Linux:

LVM partitioning, Crontab utility, User administration, ACL based permission, FTP server, SAMBA server, Apache HTTPD Web Service, Configuring MariaDB Databases, Providing File-based Storage (NFS), Providing Remote Block Storage(ISCsi), Network Port Security, Archiving and Copying Files between Systems, Configuring and Securing OpenSSH Service, DHCP Server configuration, Configuring Email Transmission, Apache Tomcat, Nginx server, Jenkins CI/CD, Git.

Education:

- B.E (Electronics Engineering) from Rashtrasant Tukdoji Maharaja Nagpur University, Nagpur with 59.06%.
- Intermediate from VidhyaVikas Collage, Samudrapur Passed in 2011 with 52.33%
- S.S.C from School of Mu. Nehru Vidhyalaya, Sindi (RLY) in 2008 with 55.38%.

Key skills:

- Co-operative & keen observer,
- Accepting new and challenging task,
- Optimistic, Curiosity, Flexible, Adaptability.

Personal Profile:

Name : Amar Prakash Zilpe
Father's Name : Prakash Zilpe
Date of Birth : Dec-25, 1992
Sex : Male
Marital Status : Single
Languages Known : English, Hindi, and Marathi.
Nationality : Indian
Correspondent address: At post Sindi Railway, Tah: Seloo, Dist: Wardha, 442105, MH

Declaration:

I hereby declare that all the statement made in the above are true and correct to the best of my knowledge and belief.

Place-

Date-

(Amar P. Zilpe)