Abhilash S. Zariya

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Skilled DevOps Engineer with 2.5+ years of hands-on experience supporting, automating and optimizing mission critical deployments in AWS, CI/CD and DevOps processes.

❖ **WORK EXPERIENCE**

➢ **GIP Technology Private Limited as DevOps Engineer, Jaipur (Feb-2019 till present)**

Roles and responsibilities:

- Automated build and deployment using Jenkins to reduce human error and speed up production process.
- Installing and configuring master node and slave nodes using Jenkins.
- Building the scripts using Maven in Jenkins to move from one environment to other environments.
- Managed GitLab repositories and permissions, including branching and tagging.
- Experience in Configuring Sonarqube with Jenkins for Maintaing code quality for code for Continuous Integration.
- Worked with Ansible, I have written several Playbooks in Ansible to automate nodes.
- Experienced in configuring and managing multi-tier architecture using Terraform.
- Good Knowledge about Docker Tool.
- Good Knowledge about Kubernetes Tool.
- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (VPC), EC2, RDS, S3, Route53, SNS, CloudFront, CloudWatch and IAM.
- 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.

- 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.
- Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL and Windows.
- Used IAM for creating Roles, Users, Groups and also implemented MFA to provide additional security to AWS account and its resources.
- Written CloudFormation templates in JSON to create custom VPC, Subnets, NAT to ensure successful deployment of web applications.
- Implemented Domain Name Service (DNS) through Route53 to have highly available and scalable applications
- Maintained the monitoring and alerting of production and corporate servers using CloudWatch 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.

❖ ACADEMIC CREDENTIALS

- **B.E Computer Science and Engineering** |Priyadarshini Indira College of Engineering, Nagpur, MS| RTMNU, Nagpur with CGPA 6.24/10 | 2018.

- **Diploma in Information Technology** |Shankarrao Dhawad Polytechnic, Nagpur, MS| (MSBTE)Maharashtra State Board Technical Education) with 54.19% in year 2015.

- **10th (SSC)** |Utkarsha Vidya Mandir, Khapri, MS| Maharashtra State Board with 74.75% in year 2010.

❖ KEY SKILL

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

- ➢ **Devops:**
- ◆ Experienced in DevOps tools such as Git, Github, Gitlab, Jenkins, Maven, Sonarqube, Ansible, Terraform, Docker, Kubernetes.
- ◆ Worked with GIT version controls. Setting up new development branches, merging branches, facilitating the releases.
- ◆ Integrated Maven with Jenkins for Continuous Integration process.
- ➢ **Automation Tools:**
- ◆ Git, Gitlab, Gihub, Jenkins.
- ➢ **Cloud Platform:**
- ◆ Amazon AWS.
- ➢ **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), Archiving and Copying Files between Systems, Configuring and Securing OpenSSH Service, DHCP Server configuration, Apache Tomcat, Nginx server.

❖ **PERSONAL DETAILS**

Name : Abhilash S. Zariya

Date of Birth : 13-12-1994

Father's Name : Suresh F. Zariya

Mother's Name : Khilonabai S. Zariya

Permanent Address : Plot no.85, Sector 28, New Khapri(Punarvasan), Nagpur(MS)-441108

Languages Known : Marathi, Hindi and English

❖ **DECLARATION**

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

Date:

Place: Nagpur   **ABHILASH S. ZARIYA**