# CURRICULUM VITAE

## RATNESH PATEL
## TECHNOLOGY ANALYST

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## Career Objectives :

To obtain a challenging career where my talent will be put to the best of use and facilitate, accelerate growth of the organization I work with.

## Experience :

**INFOSYS LTD**

**Technology Analyst**

➢ Duration: - 3$^{rd}$ Dec 2018 – Till date

## ROLES AND RESPONSIBILITIES:

➢ Responsible for managing code repositories and builds using Git.
➢ Managed Gitlab repositories and permissions, including branching.
➢ Responsible for automation and integration tools like Jenkins.
➢ Responsible for Continuous Integration (CI) process implementation using Jenkins.
➢ Installing and configuring master node and slave nodes.
➢ Automate Build operation performed using webhook Jenkins with GitLab.
➢ Integrated Maven with Jenkins for continuous integration process.
➢ Utilization of configuration management tools such as Ansible.
➢ To configure servers, write playbooks using roles in ansible.
➢ Created ansible roles for three tier architecture and its configuration.
➢ Used ansible vault to encrypt any credentials that have to passed in the script.
➢ Containerization tool: Docker – Write Dockerfile, Docker Image, Docker Container, Docker Volumes, Docker Push & Pull Images.
➢ Using Centos / Ubuntu / Redhat / Amazon Linux system administration and performance tuning.
➢ Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
➢ Responsible for creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
➢ Responsible for creating RDS instances and its integration with Tomcat server.
➢ Working knowledge in configuring application servers like Apache, Nginx, Tomcat etc.
➢ Troubleshooting techniques and fixing the code bugs.
➢ Coordination and communication within the team and with customers.

- ➤ Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- ➤ Configure S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- ➤ Responsible for creating Databases such as MySQL, MariaDB etc.
- ➤ Understanding of infrastructure and application logging using tools like CloudWatch Log.
- ➤ Launched Amazon EC2 Cloud Instances using Amazon Images (Linux/ RHEL) and configuring launched instances with respect to specific applications.
- ➤ Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- ➤ Used IAM service for creating user, group and implemented MFA to provide additional security purpose.
- ➤ Responsible for infrastructure provisioning tools like Terraform and automate whole VPC creation in AWS.

## Educational Qualifications:

- ➤ 2017 Master of Engineering (Communication Engineering) from Jabalpur Engineering College, Jabalpur.
- ➤ 2013 Bachelor of Engineering (Electronics & Communication) from GGITS Jabalpur, M.P.
- ➤ 2009 Higher Secondary, CBSE Board from Maharishi Vidya Mandir, Jabalpur.
- ➤ 2007 Secondary School Certificate, CBSE Board from Maharishi Vidya Mandir, Jabalpur.

## Certifications:

- ➤ AWS Certified Solutions Architect - Associate.
- ➤ Microsoft Certified (AZ-104 ) - Microsoft Azure Administrator Associate.
- ➤ Microsoft Certified (AZ-900)– Azure Fundamentals.

## Key Skills:

- ➤ Understanding with automation and configuration management using either Jenkins, SonarQube, Maven, Ansible etc.
- ➤ Possess good knowledge in creating and launching EC2 instances using AMI's of Linux
- ➤ Good understanding with AWS Core Services including VPC, EC2, S3, Route 53, RDS.
- ➤ Deploy and maintain infrastructure on AWS.
- ➤ Web applications deployment on EC2 instance in the Cloud.
- ➤ Create EBS volumes for storing application files to use with EC2 instances whenever they are mounted with them.
- ➤ Create alarm in Cloud Watch service to monitor ec2 instance.
- ➤ Enabled Amazon IAM Service to grant permissions and resources to users.
- ➤ Understanding of basic command line, Editors, user/group management, user permission, special permission.
- ➤ User and Group administration.
- ➤ Password less SSH configuration
- ➤ Creating and manage partition like Disk management.

- ➢ Familiar with Kernel Configuration on Red hat Linux, CentOS, Troubleshooting. System and package Management.
- ➢ Package management using RPM &YUM.
- ➢ ACL based permission, Archiving, and copying files between systems.
- ➢ Installation, configuration, management, and maintenance over Linux System.
- ➢ Configured NGINX, HTTP/Apache web server, FTP, NFS and MariaDB server on Centos, Ubuntu and Rhel8.
- ➢ Perception on Scripting languages such as Shell/bash script.
- ➢ Good understanding of coding standards and quality measures.

## Personal Info:

| | | |
|---|---|---|
| Name | : | Ratnesh Patel |
| Father's Name | : | Jai Ram Patel |
| Martial Status | : | Married |
| Permanent Address | : | 313, Sanjeevani Nagar, Garha, Jabalpur, Madhya Pradesh, Pin-482003. |
| Gender | : | Male |
| Date of Birth | : | 4$^{th}$ Jun, 1991 |

## Declaration:

I hereby declare that the above mentioned information is correct up to my knowledge and I bear for the correctness of the above mentioned particulars.

**DATE:**                                                                                     Yours's sincerely

**PLACE:**                                                                                     (Ratnesh Patel)