

# Rahul. Ashwani. Gupta

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## **Career Objective**

Seeking a job in an organization to contribute towards the development of the firm, to have a growth oriented and challenging career where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

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## **PROFESSIONAL EXPERIENCE**

Company: Gip Technologies Private limited.

From: May 2018 to Till Date

Profile: Jr Cloud Engineer

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## **Technologies and Languages**

### **AWS**

- Responsible for architecting, designing, implementing and supporting of cloud based infrastructure and its solutions.
- Proficient in AWS services like VPC, EC2, S3, ELB, Auto Scaling Groups(ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, 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 through bastion hosts.
- 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.
- 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, Cloud-Watch, Cloud

Formation, AWS Auto Scaling, Lambda, Elastic BeanStalk), AWS CLI, Linux, Shell scripting

## **Azure**

- Handle Windows and Linux server environment including server deployment, migrations, upgrades, patch management, application support, virus remediation, business continuity, operational and disaster recovery.
- Designing Azure foundational elements like VNET, Blob storage, instances, functions, networking etc.

- Understanding and working on Azure Disk, Azure Resource Monitoring, Azure Automation, Runbook and Azure Backup and Restoration.
- Troubleshooting on Azure Virtual Network Gateway, ExpressRoute.
- Building methods for cost management and billing, resource utilization and calculation.

## **Linux**

- Comfortable with both windows , Linux operating systems and linux system administration.
- User administration and creation, LVM , configuring FTP server , SSH server, Samba Server, NFS server
- Scheduling jobs perform task automation using crontab utility.
- Experienced in basic command line, user management, password policy, user permission special permission.
- ACL based permission, Archiving and copying files between systems.

## **Devops**

- Experienced in DevOps tools such as Chef, Vagrant, Virtualbox, Ansible, Jenkins, Maven, SVN, GIT, and Docker.
- 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 MySQL.
- 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.
- Managed Linux and Windows virtual servers on AWS EC2 using Chef Server. Configured and monitored distributed and multi-platform servers using Chef.
- Managed on-site OS/Applications/Services/Packages using Chef as well as AWS for EC2/S3 & ELB with Chef Cookbooks. Installed Chef-Server Enterprise On-Premise/ WorkStation/ Bootstrapped the Nodes using Knife.
- Wrote recipes and cookbooks and uploaded them to the Chef server.

- Worked with Chef Enterprise Hosted as well as On-Premise, Installed Workstation, Bootstrapped Nodes.
- 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 Docker toolbox.
- Worked on creation of custom Docker container images, tagging and pushing the images.
- Setup V2 Docker registry for local image storage / management. Used Docker Registry API to interact with the registry.
- Worked on installing of Docker using Docker toolbox. Created Docker images using a Docker file. Worked on Docker container snapshots, removing images, and managing Docker volumes.
- Automated the process of Apache Webserver installation, configuration using Ansible.
- Redesigned and redeployed the Nagios implementation.
- Used JIRA as a Change Management/ Work Management/ SCRUM Agile Tool.
- Deployment and management of many servers via script and chef, utilizing cloud providers as a direct Jira.
- Managed users, workflow, groups and projects in JIRA.

## **Addition Skill**

- Good knowledge of Website Designing using HTML, CSS, JavaScript, jquery, Bootstrap etc.
- Knowledge of Web Development using core php, wordpress, open-cart, mysql ect.

## **Other Activities**

Member of NSS (National Service Scheme) for 1 year.

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Publish Paper in International Conference ICETET-ISA Under TITLE: Water Level Monitoring App using Arduino and Wireless Network.

Participated in IEEE Paper Presentation IJSRCSEIT Research forum International Journal of Scientific Research in Computer Science, Engineering and Information Technology, at New Delhi on 31st March 2019 **Under TITLE:** Attribute-Based Encryption with Equality Test in Cloud Computing Using Key-Policy

Participate in the GHR Best Innovation Award which is the national level event.

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## **Education**

Qualification	School/College	University	Year of passing	Score
MCA	G.H Rasoni College of Engineering	RTMNU	2019	8.77 cgpa
BCA	City premier college	RTMNU	2015	56%
HSC	Adarsh Vidyalaya , Raipur (C.G)	State Board	2012	57%
SSC	Adarsh Vidyalaya , Raipur (C.G)	State Board	2010	81%

## **Hobbies**

- Playing and Watching Cricket.
- Drawing and Painting.
- Swimming , Football, Cooking

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## **Key skills**

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

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## **Personal details**

DOB : 4<sup>th</sup> May 1994.

Language known : English, Hindi ,Marathi.

Sex : Male.

Marital status: Single.

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## **Declaration**

I hereby declare that the above mentioned information is correct to my information and belief.

Date :

Place :

Rahul.A. Gupta