

MOHIT TALMALE

Cloud Engineer| AWS

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3+ years of experience in AWS cloud with hands-on experience in architecting/monitoring/troubleshooting and optimizing mission critical deployments over large infrastructure. Proficient with Configuration management tools.

Skills Summary

Cloud

AWS Compute services- EC2, Auto Scaling, IAM, Load balancers, Elastic Beanstalk.
AWS Network services- VPC, Cloudfront, Route 53.
AWS Storage services- S3, EBS, EFS
AWS DB services- Redshift, RDS
Genesys cloud

Automation Tools

Linux, Cron Job writing, Python scripting(Boto3), PowerShell(VS-code), AWS-CLI.
Git, Jenkins, Maven, Docker, Ansible, Terraform.

Web Development

HTML, CSS, JavaScript, Bootstrap.

Work History

**2022-04 -
2022-07**

Cloud Security Consultant

PwC (PricewaterhouseCoopers), Pune, Maharashtra

Client: One Cyber

Certified AWS cloud engineer having good experience in AWS services (IAM, S3, VPC, Loadbalancer, SES, SNS, cloudfront, Route-53, system manager, cloud watch, cloudtrail)

Responsibilities:

As Security Consultant

- Addressed client OS related or network issues through ITSM process (using Servicenow) and over call within SLA.
- Connecting to One Cyber IT cell and address their issues.
- Installed security agents on VMs and make them compliant.
- Infrastructure deployment using **Terraform** if required.
- Managed identity and access in AWS by creating roles, users and policies.
- Generated client VM reports on monthly basis.
- Created users in active directory and managing them
- **Rotating** IAM keys using lambda and cloudwatch events.

GitLab demo: https://gitlab.com/mohit1talmale/rotate_iam_key

2019-08 -
2022-03

Cloud Engineer| AWS

Infosys BPM Limited, Pune, MAHARASHTRA

Client : Lumen Technologies (CIS)

Technology Stack : AWS Services - VPC, EC2, IAM, S3, Load Balancers, AutoScaling Groups, cloudwatch monitoring, RDS, KMS, CloudFront, SNS, Route 53, Linux & Windows servers etc.

Responsibilities:

- Worked with client, having 400+ **EC2** instances.
- Provided L3/L4 support to client for OS related or network issues through ITSM process (using Servicenow) and over call within SLA.
- Amazon **IAM** service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM.
- Initiating alarms in **CloudWatch** service for monitoring the server's performance, CPU Utilization, disk usage etc. to take recommended actions for better performance
- Created **VPC** with public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC and managed subnets with NACL.
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, RDS and IAM).
- Created and configured application load balancers and **autoscaling** groups to

distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.

- Created CloudWatch alerts for instances and using them in Auto scaling **launch configurations**.
- Secured cloud application with AWS **WAF** (web application firewall), **Route 53** domain, and AWS Certificate Manager(**SSL**).
- Built S3 buckets and managed policies for S3 buckets and applying **lifecycle rules**, used S3 bucket and Glacier for storage and backup on AWS.
- Created scripts in **Python** (Boto3) which control instance operations.

**2018-11 -
2019-07**

Network Administrator

Infosys BPM Limited, Nagpur, Maharashtra

Client : AT&T

Responsibilities:

- Performed troubleshooting for Juniper, Cisco and packet analysis
- Installing, configuration and troubleshooting network routers, switches and security devices with use of **PUTTY** and SECURE CRT applications.
- Worked on troubleshooting of routers and switches of Vendor such as Cisco switches, **Cisco** 7609 Routers, **Juniper**, ASR routers, NNI, UNI, 7609 switch, overture, access server, MPLS and VPLS .
- Analyzing and evaluating network outages to ensure end to end connectivity.

Cloud Migration Projects

Created a more secure LAMP stack (three tier application)

AWS services used:

AWS WAF (web application firewall), Route 53 domain, and AWS Certificate Manager

VPC, subnets, CLI, CDK, RDS

Deployed a high-availability PHP application with an external Amazon RDS database to Elastic Beanstalk

AWS services used:

VPC, EC2, RDS, S3 bucket.

Created CICD pipeline to test python based application.

Tools and Services:

GIT, GitLab, Jenkins, Docker, AWS ECS, python flask framework (REST API)
GitLab demo: <https://gitlab.com/mohit1talmale/flaskapplicationrepo>

Developed various scripts using python Boto3 module for AWS infrastructure.

GitLab demo: https://gitlab.com/mohit1talmale/boto3_scripts

Certifications

2020-08	Infosys Certified AWS Solution Architect Associate
2020-02	Infosys Certified AWS Cloud Practitioner
2019-08	Cisco Certified Network Associate (CiscoID CSC014061318)

Education

2012-08 - 2016-09	B.E: Electronics Engineering <i>RTM Nagpur University - Wardha, MH</i> Aggregate Percentages: 69.80%
2011-04 - 2012-05	12th : Science <i>JAWAHAR NAVODAYA VIDYALAYA - Wardha, MH</i> Percentages: 86.00%
2009-04 - 2010-03	10th: Science <i>JAWAHAR NAVODAYA VIDYALAYA - Wardha, MH</i> Percentages: 86.20%