

## **SUMMARY:**

To attain a challenging and growth oriented position that would enhance and enrich my knowledge and skills towards the growth of the organization. focused on delivering strong customer service, exceptional organizational ability and robust technical skills.

## **EXPERIENCES:**

### **INFOSYS TECHNOLOGIES PVT LTD, India - Senior Associate Consultant (AWS)**

July 2022 – till date

- Migration of Ec2-Classic To Vpc setup, Using services elastic beanstalk, ec2, Rds,cloudformation.
- Operation and maintenance of existing infrastructure using the automation tools like IAC terraform.
- Carrying out the Ctask w.r.t Jenkins and storing secrets and password in secret manager and SSM parameters store.
- Migration of Database and VM from on-premises to Aws cloud using VM IMPORT/EXPORT and DMS,MGN.
- Production plan out schedule with daily/weekly/monthly/Quarterly/Halfearly/Annually Task.
- Providing Cost optimising solution, which will bring down costing on periodic basis.
- Monitoring the infra using the native cloud like cloud watch and external Monitoring tools like Dynatrace with server I.e Application level Monitoring like solar winds.
- Ticketing tools like service now(SNOW).
- Providing the DR plan with less costing and RTO and RPO.

### **CXIO TECHNOLOGIES PVT LTD, India - Team & Technical Lead(AWS)**

Jan 2022 – June 2022

- Creating Aws landing zone and integration of child accounts with master account with cloud security best practices on service like Security hub | Config | SSO | OU | Inspector | Guard duty | Trusted advisor | Cloud watch | Cloud Trail | Control Tower.
- Also as Team and Technical Lead used to take care of Team and Solve Technical problem as part of maintenance and operation.
- Providing a Quicksight solution to the utilization of Infrastructure based on resources and Cost effective and optimization using the Dashboard(Cost intelligence dashboard ).
- Network log review using Athena service Query by integrating Vpc flow logs.
- Triggering Email for malicious activity of any particular user by integrating cloud trail with Event bridge and provide necessary Rules.
- Triggering notification for any non-compliant resources by providing Rules in Aws Config service ( mainly for security audit review)

- Providing necessary permission with timeout session using SSO service.
- Finding out the Ec2 vulnerability using Aws inspector and resolving those Vulnerability.
- Finding out the unauthorised activity or bitcoining activity any malicious activity using the Aws Guard duty service.
- Innovative idea for easy and automation using Lambda and devops tools.
- Assigning task to the co-workers and get them completed within the estimated time and also providing a Technical solution for any production problem.
- Approving the Firewall tracker for the network connectivity from on-premises to Aws cloud.
- Generating the CUR report from Billing console and storing in S3 bucket for review of bills.
- Generating the statistical reports for a S3 bucket on monthly basis.
- Providing necessary permission set using IAM service for an restricted access particular for an S3 bucket.

#### **CXIO TECHNOLOGIES PVT LTD, India – Cloud Operational Engineer (AWS)**

Jan 2021 - Jan 2022

- Managing multiple user accounts on AWS console using IAM.
- Storing objects on S3 objects with properties like Versioning, Life Cycle Management & Cross Region Replication.
- Launching EC2 instances with security groups, Tags & EBS Volumes.
- Hands on experiences with AWS log services like CloudTrail & CloudWatch.
- Working with files & Directories on Linux Servers. Assigning permissions to files & Directories
- Providing OPENVPN access t for connecting internally to private servers and ELB's to work on Application Locally.
- Sending Bulk SMS to Customers as Transactional and promotional Type by Setting Segments and Campaign as per the requirement.
- Creating the Forward and reverse proxy as per the requirement using Nginx and Squid Proxy.
- Transferring and copying files over the network across Linux servers. Managing users & groups.
- Installing Apache, Switching Users & running commands as others on Linux machines.
- Creating, extending and removing Physical Volumes, Volume Groups, Logical Volumes.
- Migrating data from one storage device to another on Linux instances.
- Monitoring the AWS instances, DBA instances and the Physical Servers using Freshdesk
- Troubleshooting Linux server's memory usage, Diskspace, Keepalive & Network
- Escalating Server unreachable & Disk space alerts to Window/ Linux teams.

- Adding a new user alerts.
- Troubleshooting the interfaces of Network Routers and Switches at associate level in the event of flaps/down alerts.
- Troubleshooting and Clearing Memory alerts & Service restart alerts for instances via RDP.
- Adding/removing of servers & network nodes on Monitoring tools.
- Provisioning internet facing Application Load balancer & registering EC2 instances to the target groups associated with it.
- User creation on OS level (Linux, Windows).
- Inventory fetching for accounts.
- Password reset of the IAM user.
- Fetching billing report for specific project.
- Alert Monitoring & taking actions if alert belongs to us.(Like restart & install agent) • Taking follow-up on tickets. (like for approvals for patching etc.)
- Closing the completed knows tickets from Freshdesk.
- Updating tags on servers in AWS accounts.
- Adding servers into the maintenance window if required.
- IP whitelisting only for vendors.
- S3 bucket creation & giving specific access to IAM user in central TML IAM account via cross role.
- Validate all whether Cost Allocation Tags are active properly in all AWS accounts. If not take necessary actions.
- Attending Mobility Prod deployment activity (Ec2 attach/detach from ELB).
- Patching Linux & Windows Servers using AWS SSM Patch Manager.
- Make sure all newly deployed servers is patched at time of deployment.
- Check & Deactivate inactive IAM users from all AWS account. (Post respective stakeholder's approval).
- Migrate possible IAM users from all AWS account to the Central IAM account & design cross role & policies accordingly.
- Checking AWS Snapshot Backups for all VM's once in a week (at least for critical projects)
- Created and Managed Linux Servers on Amazon Cloud ( EC2, EBS, ELB,Security Groups, RDS, VPC, S3, and IAM)
- Created and Managed VPCs, Subnets – setup connections between different availability zones – Managed IP/subnet via ACL
- Managed CDN on Amazon Cloud Front (Origin Path: Server / S3) to improve site performance
- Created and Managed buckets on S3 (CLI) - Stored DBs and logs, uploaded images for CDN
- Created and managed DNS records on Amazon Route 53 and Domain provider's.
- Created and managed AMI/Snapshots/Volumes - performed Up/downscaling of AWS resources (CPU, Memory, EBS)

**COGNIZANT, india – *programmer analyst as a Quality&Assurance (manual tester)***

November 2015 - May 2017

- Good knowledge on Software Testing Life Cycle
- Knowledge on Defect Reporting, Defect Tracking and Complete Defect Life Cycle .
- Working Knowledge of Test Management Tool HP ALM.
- Assuring quality deliverable process adherence and handling issues.

**TECHNICAL SKILLS:**

- Check the status of each assigned task daily and resolve any issues faced by the team members with their tasks
- Track the new/ updated requirements in the project and modify testing artifacts accordingly
- Escalate and obtain resolution of the issues related to the test environment.
- Familiar in installing and Setting up Web Servers (Apache and Tomcat),Understood the entire DevOps flow for the business setup including CI-CD flow.
- Flexible to work in rotational shifts and adjust with Client's requirement.
- **Ansible** (install and configure the Ansible and playbooks , environment changing)

**Devops Engineer: (Having hands on Experiences related to CI-CD pipeline using following tools learned from Udemy.com)**

- **GIT & Github** (developer have code commit, push, pull, clone, merge, create a new branch, fetch, configure tool)
- **Kubernetes** ( is an open-source system for automating deployment, scaling, and management of containerized applications)
- **Jenkins** ( pipe lines, build pipe, delivery pipe, remote access, auto deployment)
- **Docker** (installing Docker make a images into container, Docker file creation, docker compose, linking, networking using Docker hub)
- **Ansible** (install and configure the Ansible and playbooks , environment changing)
- **Terraform** ( create a new environment with yaml coding like VPC, EC2 instance, installing Applications )

**Courses:**

- AWS Solution Architect from Besant Technologies Chennai.
- Devops Engineer from Besant Technologies Chennai.

**Certification:**



- AWS Certified Solution Architect - Associate  
Valid From Jan-05- 2021 To Jan-05-2024

**EDUCATIONAL QUALIFICATION:**

Course	Institution	Board	Year	Marks
B.E (Electrical and Electronics)	St. Joseph's College of Engineering, Chennai.	Anna University	2011-2015	7.37 CGPA
HSC	St. Paul's Matriculation Higher Secondary School, Neyveli.	Tamil Nadu State Board	2011	87.50 %
SSLC	St. Paul's Matriculation Higher Secondary School, Neyveli.	Matriculation	2009	86.6 %

**DECLARATION:**

I, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Date:

Place:

[ ANTONYPRAVEEN]

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