

AWS CLOUD ENGINEER
DATADOG Certified

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CAREER OBJECTIVE

To be part of a reputed organization which provides a steady IT career growth along with new challenges and give valuable contribution in the success of the organization.

ACADEMIC RECORD

- BTech in the field of Electronics and Communication Engineering from Christ University, Bangalore (2013-2017).

TECHNICAL SKILL

- **Services** - Amazon Web Service, Cloudberry, Datadog, VMware, Cloud endure.
- Knowledge on various AWS Services (Compute, Storage, Management and Governance, Networking and Content Delivery, IAM, SQS, SES, CICD, Domain Migration etc.)
- **Operating System** – Linux (**CentOS, Ubuntu, Amazon Linux, SUSE Linux**), Windows (**2002,2012,2016,2019**).
- **Tool**– Cloudberry, Xtam, Qualys, Rapid7, Data Dog, VMware.
- Basic programming and Cloud Migration from on prem.

PROFESIONALEXPERIENCE

- **12th June 2019 to Present : AWS Cloud Engineer, Crimson Cloud Private Ltd, Bangalore, India.**
Responsibility:
 - Deployed Cloud Infrastructure in AWS Cloud for POC and Production environment with Auto Scaling and load Balancer.
 - Created VPC with multiple Subnet (Public with IGW & Private NAT Gateway) in AZ and Configuring ACL as per the security aspects.
 - Configured VPC peering for multiple VPC inter region and multiple AWSaccounts.

- Configured VPN connection via configuring Virtual Private Gateway and Customer Gateway, to connect On premise data centre to AWS Cloud.
 - Created EC2 instance in AZ with required OS and configuring it with EBS Volume (Magnetic, SSD, Provisioned SSD) as per the required IOPS.
 - Configured Security Groups with Inbound/Outbound rules at instance level to secure it.
 - Installed and Configured basis packages (LAMP Stack) in EC2.
 - Created and Configured RDS instance (MySQL, MSSQL, ORACLE, Postgres, Aurora) in Single or Multi-AZ.
 - Created Elastic Cache (MemCache, Redis) to improve caching and in-memory DB service to application.
 - Created S3 bucket to store app content and Logs generated in AWS (VPC Flow Log, Cloud Trail Log, CloudFront Log etc).
 - Created CloudWatch Alarm as per threshold and integrated with SNS & SES to send alert notification to the administrator
 - Troubleshooted AWS Cloud Infrastructure issues at L2/L3 level
 - Wrote script to store data from EC2 to S3 bucket, to start & stop SAP HANA service in Suse Linux.
 - Cloudberry (BaaS)– Hands on experience on configuration and deployment of backup.
 - Practiced on Terraform for Infrastructure as Code for AWS infra deployment.
 - Created Guard Duty, Amazon Inspector, Trusted Advisor to analyze the cost and security.
 - Worked in the Data Dog and VMware to Analyze the log and Monitoring the server level services.
- **21st Nov 2017 to 28th May 2019: AWS Cloud Engineer(I) Minfy Technology, Bangalore**
Responsibility:
 - Worked on various AWS services such as Compute, Storage, Management and Governance, Networking and Content Delivery, IAM, SQS, SES etc.
 - Have done POC on AWS CICD tools such as CodeCommit, CodePipeline, CodeBuild, CodeDeploy.
 - Worked on the Manipur Government Project and help them to lift and shift there entire infra/Application from On-Prem to the AWS Cloud.
 - Worked on Cloud Endure to migrate the resources from on prem to Cloud.
 - Worked on the Jira Ticketing tool.
 - Assigned as a SPOC engineer for the Manipur Government Project.

PROJECT UNDERTAKEN

PROJECT 1: ERP Migration on AWS Cloud and Backup to AWS S3 using Cloudberry – WONDERLA

Wonderla Holidays, is one of the largest amusement park operators in India. Wonderla running business critical ERP application on RHEL with Oracle as a database and have more than 150 users working on ERP system.

- ERP Systems was hosted in On-premises Data Centre and the user count is around 150.
- We Implemented the Cloud Infrastructure and migrated all ERP Systems to AWS Cloud.
- AWS Services like VPC, VPN, EC2, EBS, S3, Lambda, Cloudwatch, CloudTrail, IAM etc., are used to implement the Enterprises grade solution with Auto-Recovery.
- Created S3 bucket for object storage, configured IAM access and cloud storage to Cloudberry, implemented file level backup to each desktop to AWS S3 by specifying backup timing retention period.
- Configured lifecycle policy to archive the data to AWS Glacier to a specified time.

PROJECT 2: Segregation of VPC in AWS Cloud and Setting connection from On-Prem – Prione Business Pvt Ltd

- We Implemented the Cloud Infrastructure and migrated all Servers in different VPCs with different vendors.
- AWS Services like VPC, VPN, EC2, EBS, S3, Lambda, Cloudwatch, CloudTrail, IAM etc., are used to implement for the migration with Auto-Recovery.

- Created S3 bucket for object storage, configured IAM access and cloud storage to Cloudberry, implemented file level backup to each desktop to AWS S3 by specifying backup timing retention period.
- Configured lifecycle policy to archive the data to AWS Glacier to a specified time.

PROJECT 3: Rapid 7 and Qlays tool for Vulnerability Assessment Project– Prione Business Pvt Ltd

- Installed all the agents in the 36 servers both Linux and Windows OS.
- Resolve all the Vulnerabilities and the Security Loopholes in all the servers.
- Generate the report at the end of the Project which gives us around 98% VA resolved in all the servers

PROJECT 4: Migration of On Prem Data to AWS Cloud – Manipur Government Project

- We Implemented the Cloud Infrastructure and migrated all Servers in different VPCs with different vendors.
- AWS Services like VPC, VPN, EC2,RDS, EBS, S3, Lambda, Cloudwatch, CloudTrail, IAM etc., are used to implement for the migration with AutoRecovery.
- Created S3 bucket for object storage, configured IAM access for each users.
- Configured lifecycle policy to archive the data to AWS Glacier to a specified time.
- Configured SSL /Cloud Watch Dashboard for each of the application.
- Once all there infra has been migrated to the Cloud, had taken the final Sign Off.

DECLARATION

I hereby certify that all the above information is true to the best of my knowledge and belief.

Place: Bangalore

(Shubhro J Hore)