

R BARANIDHARAN

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Professional Summary:

AWS cloud engineer with around 3 years of experience in IT industry comprising of systems administration and experienced in Automating, Configuring and deploying Instances in AWS environments and Data centres, also familiar with EC2, Cloud Watch, Cloud Formation and managing security groups on AWS. In Depth knowledge of AWS cloud service like Compute, Network, Storage and Identity & Access Management. Responsible for ensuring Systems & Network security, maintaining performances and setting up monitoring using cloud watch.

Work Experience:

AWS cloud engineer

1. InfraBeat technologies Pvt Ltd., Bangalore

2022(Feb)-present

Roles & Responsibilities:

- Deploying the servers based on the client requirements, EC2 Instance providing, instance upgrade and downgrade., creating virtual machines and deploy operating systems to virtual machines.
- Create EBS Volumes attach, increase volume based on the requirements EBS Snapshots, AMI schedule and lifecycle manager retention RI Conversation, Security group port allow (request came from developer and vendors)
- New RDS database creation, taking snapshots, restore from snapshot, encryption enable modify security group, Purchasing RI instance based on requirements.
- IAM use management-Restricted Policy given to the users and group custom policy. If not used policy remove from user and group, and giving access to users based on their needs, Roles Enforce Secure password and MFA.
- Using CloudWatch monitoring service reduce the time it takes to get started with monitoring key performance metrics and logs for your web servers running on AWS
- Responsible for AWS IAM and MFA support
- Responsible for AWS EC2, S3, RDS, VPC, Snapshots, Load balancing, and make sure applications on AWS are up and running

2. FNF India Pvt Ltd., Bangalore

2019(Aug)-2022(Jan)

Roles & Responsibilities:

- Experience with troubleshooting AWS EC2 instance for status check through systems status checks and instance status check alert.
- Using Terraform in AWS CLI, responsible to manage infrastructure quickly and effectively. By using APIs, or Application Programming Interfaces, the cloud provider can connect to all cloud platforms and it is also possible to adjust the infrastructure that has already been built.
- Good exposure on networking services like VPC, Subnets, Route tables, etc.
- Creating S3 buckets in the AWS environment to store the files, sometimes which are required to serve static content for web application
- Using AWS services like CLI, S3, RDS, IAM, SNS, CloudWatch, SQS
- Knowledge in managing and maintaining IAM policies for organizations in AWS to define groups, create users and assign roles
- Created NAT gateway and instances to allow communication from the private instances to the internet bastion hosts.
- Monitoring resource utilization from CloudWatch dashboard, Create CloudWatch billing alarm, CPU alarm and monitoring logs.
- Good knowledge of data backup and Demonstrated understanding of AWS data migration tools and import/Export services of data migration

Projects:

L&T IDPL:

- Data Migration: To migrate the ECC & CRM Production servers from current DC to AWS Cloud
- AWS Storage gateway simplifies on-premises adoption of AWS Storage. Storage gateway lets you seamlessly connect and extend your on-premises applications to AWS storage.
- Deploying the servers and creating the Volumes based on the client requirements. Allowing the ports in Security group and whitelisted the IP address as per the client requirements
- Replicate the data from on-premises to AWS cloud by using VPN tunnel
- Troubleshooting the network issues between EC2 and windows instances in a VPC and an on-premises

Foresight group: AWS setup & Architecture:

- Evaluated 3+ proposals daily and recommended the best technical solutions to migrate the application to AWS.
- Deployed the servers based on requirements and creating the s3 bucket to store the data and taking backup data
- Designed, managed & maintained tolls to automate operational processes to reduce the time for 5 hours to 2 hours (Reduce the downtime)
- Creating Cloud watch for monitoring and operational data in the form of logs, metrics and events and visualizes it using automated dashboards , we can get a unified view of AWS resources and applications and services run on AWS and on-premises.

Hindustan Unilever: Troubleshooting & Cloud Support

- Troubleshooting the issues like packet loss or latency issues exist between the Amazon cloud EC2 instances and on-premise host over the internet gateway.
- Responsible to helping the customers with their AWS Applications, debugging reported problems, building and maintaining AWS test instances and working with AWS cloud developers to support the product
- Create a AWS backup plan based on the daily/Weekly basis for taking the data backup and Deleting the unused volumes, snapshots and AMI as per the requested

Certifications:

- **AWS Certified Solutions Architect - Associate**

Technical Skills:

- **Public cloud:** Amazon Web Service VPC, EC2, S3, EBS, IAM, Route53, CloudWatch, SNS, SQS, S3
- **Networking:** TCP-IP, Network security, Subnets, VPN, DNS
- **Database Concepts:** DB Backup & Maintenance, RDS
- **Data Migration and DRS**
- **Operating systems:** Linux/Ubuntu/ Suse and windows 7/8/10
- **Provisioning tools:** AWS CloudFormation
- **Linux and windows administration**
- **CI/CD pipeline and GitHub (Basic)**

Education qualification:

GAC College (Bharathiar University), Coimbatore

- 2018 - M.SC-Information Technology with Aggregate of 67.92%
- 2016 - B.SC -Computer Science with Aggregate of 60%

SRNV Higher Secondary School, L.N Palayam

- 2013 - Higher Secondary (12th) With Aggregate of 84.91%
- 2011 - SSLC (10th) With Aggregate of 90.4%

Languages:

Tamil &English – Read, Write and speak

Kannada &Telugu- Speak

Personal Information:

Name : R Barani Dharan

Date of birth : Nov 7, 1995

Gender : Male

Marital Status : Single

Nationality : Indian

Declaration:

I do hereby that the above information is true to the best of my knowledge

Place: Coimbatore

BARANIDHARAN R