**Anusha C**

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**EXPERIENCE: *TATA CONSULTANCY SERVICES* JUN 18 – JULY 19 Cloud Engineer**

Tata Consultancy Services Limited is an Indian multinational Out sourcing information technology service and consulting company headquartered in Mumbai, Maharashtra, India. I was actively involved in UK based insurance project **AVIVA** where company migrated a client's website to AWS cloud for hosting. My primary role was within the AWS infrastructure where I configured cloud resources for the successful migration, and I was also responsible for automating Automated IAM like Password reset functionality, Instance profiles creation, peering creations user account creations and Provided SNS service for application team using DevOps tools.

**Roles and Responsibilities:**

* Experience in developing and automating the recurring operations within the team.
* Possess good knowledge on Python boto3 SDK and writing Terraform scripts to improve the existing operational tasks.
* Experience working on version control system tools like GIT and Bitbucket, and also having strong knowledge on source control concepts like Branches, Merges and Rebase.
* IAM User creation functionality for providing AWS access to the users. This helped the Operations Team during Application on-boarding to AWS.
* Worked on AWS services like S3, VPC, EC2, ASG, Route53, IAM, SNS, ECS, CloudWatch, ACM and Lambda.
* Gained good experience by working on Terraform, GIT with the paradigm of IaC.
* Possess an expertise in writing Terraform code for various AWS services and using modules functionality to create multiple resources.
* Created SNS Topics to send notifications, HostedZones and VPC peering creation by using terraform as per the requirement.
* Managed multiple AWS accounts with multiple VPC’s for both production and non-prod where primary objectives included automation, build out, integration and cost control.
* Providing AWS access to users, creating IAM roles, policies & groups and configuring resource permissions to cater the Design implementation of an application.
* Experience working on container tool like Dockers using ECS, Ec2 AWS services.
* Very good experience in Agile methodology and V & V model.

**Tasks PERFORMED:**

* Automated IAM - Password reset functionality for the AWS users to reduce manual interaction with console – using AWS Lambda, Python and Jenkins.
* Used Terraform to create Hosted zones, SNS topics and IAM roles and Instance profiles.
* Created Jenkins pipeline jobs using groovy scripts for deploying AWS infrastructure.
* Created automatic SNS alerts to CloudMail box by using terraform for AWS infrastructure.

**EXPERIENCE: *CELSTREAM TECHNOLOGIES* NOV 14 – SEP 17 Software Engineer**

Celstream is an established, global product engineering services company, having a rich heritage in product development.I was actively involvedin various environments of windows and Linux servers along with adopting cloud strategies based on AmazonWebServices**,** DevOps and expertized in Softwaretesting. I was worked in AWS infrastructure where I use to onboard the application teams to cloud by using terraform and Ansible.

**Roles and responsibilites:**

* Implemented an automated process to check the compliance and send an email on daily basis if any resource is created without following the organizational standards.
* Used Active Directory to create groups and provide access to users.
* Gained good experience by working on Terraform, GIT with the paradigm of IaC.
* Infra-structure development on AWS using various services like EC2, S3, RDS, Route 53, SNS, Cloud Watch, IAM,VPC etc.
* Creating security groups and allowing required NACL ports by using terraform.
* Used Terraform to create Hosted zones, SNS topics and IAM roles and Instance profiles.
* Used Snowball service to migrate physical Datacenter to AWS cloud.
* Good exposure on Provisioning Systems by using ANSIBLE.
* Involved to migrate from a physical datacenter environment to AWS and deployed a multiple application utilizing almost all of the AWS stack (EC2, ELB, Cloud Trail, VPC, S3, EBS, IAM, SG, NACL, Cloud front, Route53, SQS, SNS)

**TECNOLOGIES USED:**

* Cloud Technologies : AWS
* Scripting : Terraform, Packer, Powershell, Python
* CM tool & Container : Ansible & Docker
* Automated Build Tools : Jenkins
* Collaboration tools : Confluence, Jira, Slack
* Operating Systems : Windows family, Linux
* Version Control Systems : GIT, Stash/Bit Bucket
* Defect tracing tools : Jira, ServiceNow, Gforge, Bugzilla , Redmine
* Test Management Tools : Quality Center, Test Link

**cERTIFICATION/aCHIEVEMENTS:**

* Certified AWS SysOps Administrator - Associate.
* Recognized as ‘Star of Month’ for automating AWS operational tasks in the team

**eDUCATION DETAILS:**

* Completed Master of Computer Applications from KMM College with 75.27% during the academic years 2010-2013.
* Completed BSc computer science from Sri Sai Degree College with 73% during the academic years 2007-2010.