**Ananya Das**



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**Professional Summary**

AWS certificated cloud engineer with approx. 4 years of hands –on experience in

* Cloud administrations using Amazon web Services (AWS) in Linux environment.
* Designing, building and automating cloud infrastructures on AWS.
* Identity Access Management (IAM), Various roles and authentication access for various users, groups with required policy integration.
* AWS Object Storage and CDN - S3, Glacier, and Cloud Front
* S3 version Control, Cross region replication, creating a CDN, Cloud front
* Good experience in AWS storage gateway design, Import/Export & AWS direct connects infrastructure designing.
* Management of various EC2 instances with Security group, Elastic Load balancer (ELB) Managing Launch configuration and auto scaling groups
* Creating Windows & Linux Ec2 instance with RAID management with Elastic File System integration across various web &application server.
* Creating own AMI, Creating various health check template and matrices and integration to cloud watch with ELB
* Using IAM roles to EC2 instances with bootstrapping scripts.
* Managing AWS Route53 domain Service with maintaining A record, managing Alias names and Canonical names with A record.
* Management of Various Databases in AWS infrastructure having to experience in solution designing for RDS, Dynamo DB.
* Creating database backup, retention, Multi A-Z deployment and read replica integration.
* Deployment and management of Data migration to Aurora-Mysql database.
* Building own custom VPC, creating a public & private subnet, defining network ACL and attaching internet gateways to VPC.
* Maintaining VPC flow logs, route table management.
* Brief understanding on SQS, SNS, SWF & Elastic Transcoder.
* Configuring Auto scaling & load balancing.
* Excellent Knowledge in Linux.
* Good in developing scripts, UNIX shell scripts for the automation of the monitoring of the application.
* Writing & executing shell scripts in Linux or Unix OS to automate daily jobs & meet new service requirement.
* Writing crontab scripts & deploying them to run scheduled jobs.
* Carry out performance monitoring, Traffic analysis for the instances created on the cloud.
* Planning new developments or changes to improve services.
* Experience working on version control system tools like GIT.
* Experience with deployment and build management tools like Jenkins.
* Experience in shell scripting to automate process.
* Creating **Containers in Docker**.
* Developing scripts for build and deployment related tasks using Jenkins, Docker and Kubernetes.
* Integrated various monolithic applications to microservice based application which gets deployed into Kubernetes cluster using Docker container engine.
* Worked with various resource stacks used in Kubernetes cluster.

**Technical Skills**

* CLOUD TECHNOLOGY - Amazon Web Services(AWS)
* CLOUD SERVICES - EC2,VPC,ELB,Auto scaling, EBS,S3,Glacier
* MONITORING TOOLS - Cloud Watch
* OPERATING SYSTEM - LINUX, Cent OS
* VPN - AWS VPN
* SCRIPTING - Bash Shell Scripting
* TICKETING TOOL - ITSM

**Work History**

**Cloud Engineer, Aug 2015- current**

**INFOSYS, Bangalore (Under the payroll of Konectin-**<https://www.konectin.net/> )

**PROJECT**

* Organization : Infosys
* Client : Shared Services
* Team Size : 20

**Role:** Cloud Built & Support

**Responsibilities:**

* Build **AWS VPC, Private and Public Subnets**
* Launching and Administrating Instances
* Setting up **Routing table** and Security Groups
* Sending notifications via **SNS**,
* Attaching Volumes and Backing up by taking snapshots
* Creating **AMIs**, Coping to other regions
* Setting up **Auto Scaling**.
* Setting up **AWS VPN** with On-Premises VPN Device
* Use of **S3, and Glaciers** for backups and storing data
* Building services using **AWS CLI**
* **Administrating Linux Servers.**
* Create and Manage **LVM file systems.**
* Installing and Managing Packages in Linux Machine using **RPM and YUM**
* Exposure to **Git**, **Jenkins** .
* Creating and deleting servers, adding and removing disks, taking snap shots, cloning on public clouds
* Manual Patching using yum command.
* Incident and change request management.
* New file system creation for application build, setting permission ownership.
* User Administration task such as create users, define or changes their attributes and define the security environment for the users.
* Providing support to client on 24/7 Schedule
* Providing RCA –root cause analysis to client for technical issues.
* Processing client change requests-CR and implementing deployment services.

**Education**

**Master of Computer Application - 2015**

* Berhampur University, Berhampur, Odisha (PERCENTAGES – 83%)

**Personal Details**

Name : Ananya Das

Marital Status : Single

Languages known : English, Hindi, Odia

Passport : Active

**Declaration**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place: Bangalore Ananya Das