SAIPRATHAP PURUM



AWS Cloud Engineer and Linux administrator

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## Technical skills

* Having around 3.5 years of IT experience as a Linux administrator and AWS Cloud Engineer**,** strong innovative and technical background in AWS.
* Hands on experience and working with **AWS** services like **EC2, VPC, VPC Peering, ELB, S3, SES, SNS, CloudWatch, Route 53 and IAM, Cloud Trail, Terraform, Lambda** and complete understanding of security groups and route tables
* Maintaining multiple environments by using terraform workspaces.
* Worked on **Agile** methodology, giving status updates in standup, being part of sprint planning, sprint grooming.
* Build servers by using terraform as Infrastructure as a code for provisioning, launching **EC2, NAT Instances, Security groups, NACL, Route tables, Internet gateway, subnets, Auto Scaling, Load Balancers** in the defined virtual private connection.
* Adding template Images (AMIs) for pre-defined environments to create instances.
* Created **NAT gateway** and Instances to allow communications from the private instances.
* Handling multiple requests in **IAM** like creating **users, MFA, groups and roles**
* Working with **S3** to create the bucket to store the object.
* Enhancing the performance of **terraform modules** and managing multiple environments by using terraform workspaces.
* Hands on experience in setting up **Multi-AZ RDS** instances for high availability.
* Using **Route53** services for domains/sub-domains management.
* Experience in using Lambda functions for automate the AWS Services (like SNS, EC2, Snapshots, AMIs etc.)
* Creating/modifying **policies** according to user’s access requirement
* Monitor and configure all running EC2 instances through **Cloud Watch**.
* Creating dashboards for **CPU, RAM and Disk utilization** of EC2 Instances.

## Academic Profile



* **B.Tech in mechanical** with an SVCE College of Engineering ,Tirupati ,A.P 71% from JNTUA University in 2018

## Technical Details

* + SCM tool : GIT, GITHUB
  + Monitoring Tool : Cloud Watch
  + Cloud Platform : AWS
  + AWS Services : EC2, ELB, VPC, VPC Peering, IAM, S3, Cloud watch, ALB, SNS, Nat gateway, Auto scaling, Terraform.
  + Operating System: Windows, Linux

## Professional Experience

* + Worked as a AWS Cloud Engineer, Linux Admin for TCS, Bangalore from Dec 2018 to till Now

## Professional Profile

**Project#1**

**Project Name**  **:** Inventory Management, Zinier Mobile app

**Technologies : RHEL5.x,6.x&7.x, Apache, MySQL, AWS, CentOS, Jira, New Relic,Ubuntu**

**Operating System :** Linux

**Team size :** 9,11

**Role &Responsibilities:**

* + Have supported on Amazon Web Services(AWS), **VPC, Subnet, EC2** Instance, **EBS, S3, Security Groups, NACLs, Route Tables, ALB, Auto Scaling, Cloud Watch.**
  + Monitoring the Application performance using **Cloud Watch**
  + Supported for writing **Terraform modules** and storing into **GitHub**
  + Installed **Cloud Watch agents** for EC2 instance for custom metrics.
  + Created multiple environments by using **terraform workspaces**.
  + Created micro service architecture by using ALB (Application Load Balancing)
  + Created **IAM User**, **Group** and **IAM Role** for giving suitable permissions.
  + Implemented the RDS (Relational Database Service) to create the databases with Multi AZ’s in AWS.
  + Setup the Elastic IP in EC2 instance.



* + Create/Delete/Backup snapshots of Amazon EBS volumes or images (AMIs) of **EBS**

backed EC2 instances.

**Linux Admin:-**

* Upload/Download/Copy/Delete using in Amazon S3 Object – store and retrieve artifactive via Amazon’s reliable, secure, fast and inexpensive infrastructure.
* Remote system administration using tools like **SSH**, Telnet.
* Performance & Capacity management using monitoring tools.
* Installing and troubleshooting of web servers like apache.
* Managing users, groups, and **FTP** accounts, and assign permissions.
* Yum repository and Red Hat net work administration.
* Day-to-day operational support and maintenance of Linux servers.
* Deployment, up grading, monitoring and administration of Linux infrastructure.
* Verify system logs and periodically clean up log files.
* Configuring and main training **NFS** and Auto **FS** File systems.
* Monitoring Disk space, Process or Utilization, and Net work Utilization.
* Installing and updating the Supporting latest packages.
* Managing User Accounts. Verify system logs and periodically clean up log files

Place:- Bangalore

Date :-31/05/2022

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