P P Sai Gowtham   **Email id: pulipakamsaigowtham@gmail.com**
Cloud Engineer   **Phone no: +91- 9959662162**

Career Objective

To start my career in a challenging environment where I can deliver my best with my technical knowledge and to enhance more my skills that can be utilized for the overall development of an organization.

Professional Summary

- Over 1.1 Years of Experience on Linux, DevOps, & Amazon web services (AWS)
- Comprehensive knowledge of Linux operating systems like Red Hat Linux, ubuntu.
- Knowledge on Cloud Computing Strategies like – Iaas, Saas, Paas
- Hands on experience on AWS Services like EC2, EBS, ELB, S3, VPC, Route53, RDS, RedShift, Cloud watch, Auto scaling, IAM.
- Hands on experience on Static web hosting, Versioning.
- Having knowledge on Aws lambda
- Having knowledge on s3 cmd, Aws cli.
- Creating EC2 instances, taking image backup, volume backup.
- Created monitors, alarms and notifications for EC2 hosts using Cloud Watch
- Advising suitable EBS volumes depending on Application / Database for cost effective .
- Knowledge of Configuration Management tools like Ansible and chef
- Good conceptual understanding of the remaining technologies: RHEL, LVM, Virtualization.
- Designing, implementing and supporting fully automated Jenkins CI and CD processes.
- Users, File Permissions, Services & Process administration.
- Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GitHub.
- Having experience on aws code deploy, cloud formation, cloud front.
- Having experience monitoring network, cpu, storage using bash scripting
- Estimating AWS usage costs and identifying operational cost control mechanisms.

- ✦ Packages via RPM and YUM, Patch Installations.
- ✦ Having experience on continuous monitoring tool Nagios.
- ✦ Good Experience in creating new users account, groups and assigning roles & policies to the users and groups.
- ✦ Experience in working with monitoring tools such as cloudwatch.

  Coordinated different teams across the globe to deploy different builds to different environments on parallel development for multiple projects.

Educational qualification

- ✦ Completed **Bachelor Degree (B.sc) in 2020**

Technical skills

Cloud Services   :   Amazon Web Services (EC2, Route53, S3, RDS, Cloud watch, Cloud Front, SNS,SES,VPC, MS Azure cloud, Elastic Beanstalk, Code Deploy, ELB etc), Azure Services

DevOps tools   :   Jenkins, Git, GitHub, Ansible, Nagios

Operating Systems   : Linux, Windows, Windows Server

DBMS   : RDS, MySql, MS SQL Server

Scripting knowledge : Shell script.

Key skills:

Environments: VPC, EC2, Subnets, Gateways, Route Tables, IAM, S3, Web

server, Database Server, SNS, Route53, Load Balancers, Auto scaling MYSQL,

NAT, NACLs, Linux, Git, GitHub, Java, Jenkins, Tomcat server, Docker,

Work experience

- • Working for SYSBIG Technologies as Cloud Engineer from January 2021 to Present date

Project

Client   :   **TRIZETTO**

Role   :   **AWS Cloud & DevOps**

Period   :   **January 2021 to till date**

Responsibilities:

- Responsible for complete administration of Cloud Infrastructure in my organization.
- Created VPC from the scratch, defined IP ranges in VPC to have better control over VPC.
- Created Public and Private Subnets for proper segregation of web servers and database servers to provide high level security.
- Migrated all the object storage to S3 Buckets and Created IAM role with S3 full access and attached to EC2s to access data without credentials.
- Mounted EFS (Elastic File System) with EC2s to have one common storage.
- Configured SNS (Simple Notification Service) at auto scaling level and route53's level to get
notifications mainly in case of server failures and VPC failures.
- Configured all in Auto Scaling Groups and Launch Configurations.
- Launched Web servers in public SNs through Auto scaling and connected to load balancer.
- Provided network to public SNs through Internet Gateways and Route tables.
- Launched DB servers in Private SNs and provided internet through NAT server in a secured manner.
- Opened MYSQL port in database servers to all the public subnets.
- Launched Bastion/Jump server in Public SNs to have ssh connection into the DB servers which are present in private subnets.
- Assigned load balancer's difficult DNS name to ROUTE53 user friendly domain name.
- Enabled NACLs (Network Access Control Lists) at both public and private subnet levels to restrict and to allow Ports in providing high security.
- Installed and configured GIT and GitHub in the organization, well versed in managing SCM repositories like Git, GitHub.
- Installed and configured Jenkins in both windows and Linux machines.

• Installed and configured java as a pre-requisite to install Jenkins and Integrated many tools with Jenkins like Git, Maven, JUnit/Selenium, Tomcat webservers.
• Configured build tools like Maven/Ant and Integrated with Jenkins.
• Installed many plug-ins like GitHub, Ant, check style, JUnit, Deploy to a container, and build pipeline.
• Create freestyle projects, maven projects and configured upstream projects.
• Configured Scheduled projects by enabling POLL SCM to run projects frequently.
• Established complete pipeline workflow starting from pulling source code from git repository till deploying end-product into Tomcat server.
• Established complete Jenkins CI-CD pipeline and automated complete workflow of build and delivery pipeline.
• We have taken lead in the migration process of servers & data from the on-premises data center to A

Declaration

 • I hereby declare that all the details furnished above are true to the best of my knowledge.

 DATE :

 PLACE: (P P Sai gowtham)