

# Shaju T

## Cloud Infrastructure Engineer

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### PROFESSIONAL

### SYNOPSIS

I am in a team responsible for implementation and management of Cloud Infrastructure services (AWS). I have strong hands on experience on EC2, S3, IAM, RDS, VPC, SNS, SQS, Route53, Security (Security group, ACL), Cloud Front, Cloud Watch, Cloud formation, Code build, Code pipeline, Jenkins, Ansible, Docker, Kubernetes ,GIT, Maven, Nexus artifact repository, Terraform, Terraform Enterprise,GIT-lab.

### CORE COMPETENCIES

#### Strom IT Solutions

- Having 4 years of experience in AWS and Devops tools with Linux/Windows OS
- Having good experience in AWS Services (EC2, RDS, EBS, AMI, Route 53) and experience in autoscaling and Load balancer.
- Maintaining VPC, Subnet, IGW, NAT Gateway and VPC peering connection.
- Create S3 buckets and S3 life cycle management for old data's and logs required.
- Worked on migration VMware virtual machines to AWS using VM import.
- AWS CLI commands with different services and AWS EC2 and load balancer script using Terraform.
- Maintaining IAM policies for organization in AWS to create users, groups, and define rules for role-based access to AWS resources.
- Used JIRA to track issues and change Management.
- Configured cloud trail and monitoring AWS resources using AWS cloud-watch. Maintaining cloud front for few applications which is hosted globally.
- Provide technical support by troubleshooting day-to-day issues on different platforms.
- Utilized **Cloud Watch** to monitor resources such as **EC2, CPU memory, EBS**
- Created AMI images of critical ec2 instances as backup using AWS CLI and GUI.
- Utilize EBS to store persistent data and mitigate failure by using snapshots.

### Technical Skills

Operating Systems	: Linux, Windows server
Virtualization/cloud	: VM ware, docker, kubernetes, helm
Databases	: Oracle, MySql
AWS	: Amazon EC2, S3, RDS Database, IAM, lambda, Cloud Watch
Version Control Tool	: GIT,BitBucket
Defect Tracking Tools	: Jira
Client tools	: Putty,Puttygen,pageant
Infra build tool	: Terraform
Integration Tool	: Jenkins

### PROFESSIONAL EXPERIENCE

## **PROJECT1: Macmillian education india**

### **Job Responsibilities**

- Create and maintain full automated CI/CD pipelines for Code deployment.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, CloudWatch, IAM, VPC)
- Experienced in creating complex IAM policies, Roles and user management for access within AWS.
- Actively manage, improve, and monitor cloud infrastructure on AWS, **EC2** including backups, patches and scaling.
- Used Ansible for Configuration Management and having good knowledge of writing Playbooks.
- Used Elastic Load balancers and Auto scaling groups to handle the traffic at peak times.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- Managed GitHub repositories and permissions, including branching and tagging.
- Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using Docker swarm.
- Setup/Managing VPC, Subnets, make connection between different zones blocking suspicious ip/subnet via ACL.
- Configured the user's accounts for Continuous Integration - Jenkins, Nexus and Sonar.
- Linux/Windows/Ubuntu servers on Amazon EC2 & monitor thru SNS & Amazon Cloud Watch.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on Amazon RDS
- Used Ansible to do configuration and to automate deployments
- Worked on creating Kubernetes cluster from end to end.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure.

## **PROJECT 2: Wish scaling up innovations Transforming healthcare**

- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on Pod Creation and managing Containers
- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like SonarQube
- Hands on working experience on Web Server (Apache), Application Servers (Tomcat, JBOSS)
- Set up integrated environments for GitHub and AWS cloud.
- Performed regular builds and deployment of the packages for testing in different environments (Dev, QA, and UAT).
- Utilizing Jenkins for enterprise scale infrastructure configuration and application deployments –
- checking out the code from GitHub and use Maven to build jar and war artifacts.
- Defined branching and merging strategies on GitHub.
- Responsible for Jenkins plugin management, user management, Build/Deploy Pipeline Setup, and End-End Job Setup of all the projects.
- Maintaining build artifacts on Nexus.
- Coordinate or assist the developers with establishing and applying appropriate branching, merging conventions by using GitHub.

**ACADEMIC QUALIFICATIONS**

Qualification	Institution	Year
Bachelor of technology	Kodaikanal Institute Of Technology, Tamil Nadu	2013
Diploma	CCMR Polytechnic College	2010
SSLC (X STD)	Private	2003

**PERSONAL DETAILS**

Father's name : Taj A  
Date of Birth : 25-06-1987  
Age : 35  
Nationality : Indian  
Gender : Male  
Marital Status : Married  
Language known : English, Tamil (Read, Write & Speak)  
Current Location : Chennai

**DECLARATION**

I hereby acknowledge that the above given information is true to the best of my knowledge and belief.

**Shaju T**