

# Jayasurya Dhanasekaran

## AWS DEVOPS ENGINEER

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Experienced AWS DEVOPS ENGINEERING with 3.8 years and Support Engineer with 3 years of experience in TATA CONSULTANCY SERVICES. Excellent reputation for resolving problems and recognized consistently for performance excellence and contributions to success in the organization.

## Professional Summary

- 3.8 years of Experience in Retail domain as a support engineer
- Over 3 years of Experience in AWS and DevOps with an applying Continuous Integration and Continuous Delivery.
- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Git, Maven, Jenkins, Docker, etc.].
- Worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- Used Ansible for Configuration Management.
- Managed GitHub repositories and permissions, including branching and tagging.
- Excellent working knowledge on various virtual systems/ like Docker technologies.
- Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using Docker swarm.
- Having Good experience in Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers, S3, Cloud Front, RDS, VPC, Route53, Cloud watch, Cloud Formation.
- Mainly Concentrated on : EC2 (ELB, AUTO SCALING, EBS), VPC, IAM Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EB volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.

- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches, and scaling.
- Worked at optimizing volumes and EC2 instances and created multiple VPC'S
- Implementation of NAT gateways for web apps hosted in private subnets.
- Setup and configured EIP to EC2 instances.
- Created Alarms and notifications for EC2 instances using Cloud Watch.
- Designing and Deploying Highly scalable infrastructure using ELB and Auto Scaling services.
- Setup and managed security groups, VPC specific to environment.
- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- 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

## Work History

2019 -06 – Current  
**Engineer)**

### **Project 2 - (AWS DevOps**

#### *Insurance Domain*

- Create and maintain fully automated CI/CD pipelines for code deployment
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2
- including backups, patches, and scaling.
- Used Ansible for Configuration Management
- Worked on terraform to build an AWS infrastructure.
- 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 and worked on creating and mount the volumes. And created a private network to launch the container.
- private registry and having good knowledge of maintaining containers using Docker swarm.
- Basic exposure of Python.
- Works on AWS Services but Mainly Concentrated on: EC2 (ELB, AUTO SCALING EBS), VPC, IAM.
- Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious ip/subnet via ACL.
- sCreating the database in RDS service in the AWS.
- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system

## 2015-08 - 2019-04 **Project 1- (Support Associate)** *Retail Domain*

- Worked as Salesforce administrator (Operations) for the client Experience in Control M administration such as monitoring, scheduling, and recovering production batch jobs & ETL load.
- Automated the Mainframes batch jobs to send application status alerts and created dashboards for real time application monitoring.
- Identified bottlenecks and Improved performance of the batch jobs by reducing the run time by 80%
- Worked on Service-now Incident management, Event management, Problem management and Change management

### Skills

AWS  
GIT  
JENKINS  
ANSIBLE  
TERRAFORM  
DOCKER  
SPLUNK  
LINUX BASIC

### Tools

Ticketing Tool (ServiceNow)

### Education

2012-06 - 2015-05 - **Bachelor of commerce in  
Computer Application**

*CMS collage of science  
and commerce*

### Languages

English	Excellent
Tamil	Excellent
Malayalam	Very Good

Kannada

Good