

Priya

AWS DevOps Engineer

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CAREER OBJECTIVE

Seeking a growth-oriented career in world of information and Cloud Technologies, Where I have more scope to learn advanced technologies and utilizing my skills in **AWS DevOps** world.

PROFESSIONAL SUMMARY

- Overall 5+ years of IT experience with 4+ AWS Cloud Engineer experience in the fields of automation, configuration management, cloud service and handled the following activities.
- Expertise in using Jenkins, Docker, Git, and AWS cloud services which reduces the effort of developer's operation team in performing maintenance and daily operations.
- Expertise in setting up and maintaining CI &CD pipeline using tools like Jenkins, GitHub, & Jfrog artifact repositories.
- Extensive experience in using Version control systems like GIT.
- Experience in installing, configuring and administering Jenkins.
- Configured Jenkins jobs, install plugins for generating project artifacts.
- Experience in creating nodes in Jenkins, which distributes the loads and run the jobs parallel.
- Expertise in AWS cloud services such as Ec2, VPC, VPC Peering, Load balancers, DNS, Firewalls, Autoscaling, volumes, EFS, FSX, S3, Cloud watch, Snapshots, Lambda.
- Experience in creating backups of EBS and restoring it in desired locations.
- Design high available, cost effective and fault tolerate systems using multiple EC2 instances, Auto Scaling, Elastic Load Balancer & AMIs.
- Securing and distributing network traffic by setting up high available VPC.
- Design roles and groups for users and resource tags using AWS Identity and Access Management (IAM).
- Actively participate in daily SCRUM meetings and perform daily risk analysis of backlogs.
- Knowledge in Configuring and managing Maven build tool and GIT Version control system.
- Have hands on experience on writing Terraform modules to automate the infrastructure os different AWS services.
- Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker
- Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters
- Managed complete project cycle right from requirement analysis to system study, build and release management, deployment, testing, de-bugging, documentation and implementation.
- Executing builds, Interaction with development and QA teams.

WORK PROFILE

| | |
|------------------------------|---------------------------------|
| Operating Systems | Windows, Linux (Ubuntu, CentOS) |
| Cloud Technologies | AWS |
| Version Control | GIT |
| Build Tool | MAVEN |
| Continuous Integration Tools | Jenkins, |

| | |
|----------------------|-------------------------------|
| Containerization& VM | Docker, Terraform, Kubernetes |
| Scripting Languages | Shell Scripting, YAML |
| Artifact Repository | Jfrog |
| Web Server | Apache |
| Application Server | Tomcat |

PROFESSIONAL EXPERIENCE

- Currently Working as **AWS DevOps Engineer** at Genpact, from June **2018 to Till Date**.

PROJECTS HANDLED

Client : Tesco UK
Project Name : Project line Review (PLR)
Role : AWS Devops Engineer
Duration : July 2018 to till date

Description:

Tesco merchandising and marketing PLR project is products display technique which a client changes the display of the products in its store with respect to the demand for the products. This project is for Enhancements of the Product Line Review of the displayed products in the store.

Roles and Responsibilities:

- Managed multiple AWS accounts with multiple VPC's for non-prod where primary objectives included automation, build, integration and cost control
- Building customized Amazon Machine Images
- Supported developments prints by automating instance provision using Cloud Formation and code deployments using Jenkins and Git Hub
- Assisted Cloud Operations team resolve support requests while providing RCA' s and documentation for use onshore and off shore.
- Worked done AWS Cloud Watch, Cloud Formation and Cloud Trail services
- Worked closely with EC2 infrastructure teams to trouble shoot complex issues
- Assisted high profile Enterprise customer store solve critical issues related to Windows and Linux EC2 instances
- Assisted customer switch common connectivity issues by reviewing sub net, security group, ACL, routing, VPN, ELB, Auto Scaling, RDS

PROJECT #2:

Project Name : Hoya NXG Application, Japan
Role : Cloud Engineer
Period : Aug 2021 to June 2022

Roles and Responsibilities:

- Experience in cloning the repository and creating branches and tags from master to separate build system after a milestone releases.

- Create and establish build process using **Maven** to perform builds efficiently and deployment of the application in Tomcat.
- Monitoring the builds using Continuous Integration tool like **Jenkins**.
- Extensive experience in using Version control systems like **GIT**.
- Used **Docker** for setting up application specific container to the Testing environment on the Developer environment.
- Building the **Docker** Images using Dockerfile while Building the application using **Maven** in **Jenkins**.
- Handled multiple environment builds to create build setup and perform deployment activities.
- Worked on the **Aws Resources** for the migrating from on premises to Cloud Environment.
- Creating **Ec2** instances and configuring packages and configuration using **Terraform**
- Creating **VPC** and Creating **Public Subnet and Private Subnets** in Aws Cloud.
- Creating **Volumes** and taking **snapshots** and attaching Volumes to the Ec2 instances on demand.
- Created different types **s3** buckets and enabled the Lifecycle policies.
- Install Plug-ins on need basis in Jenkins.

PROJECT #3:

Client : health insurance project
Project Name : Security health plan
Role : Cloud Engineer
Period : Feb 2020 to July 2021

Description:

This project is aimed at developing Health Insurance for the new customers or the members of the Security Health Plan (SHP). SHP covers Insurance for Individuals and Family (HMO), MEDICARE (Senior Citizens and Individuals with disabilities) and Wisconsin State Employee Plan (WSEP). The application provides a more efficient way of applying for the quote and finding the Physician. It is more flexible and also helps in addressing exception related customer services, designed and implemented data and application classes, and various business uses to perform complex business activities, to integrate with other applications using services and connectors. This is a workflow solution based Application designed for ease of creating Insurance Quotes. The Users interact with the application through various service flows such as Eligibility, Benefits, Claims, Order ID Cards, etc.

Roles and Responsibilities:

- Having regular onsite calls for gather requirements on existing supporting applications.
- Launch the EC2 instance based on requirement, Performing the instance stop, start and Reboot Actions based on requirement.
- Creating the S3 bucket (Public & Private) and adding the policies to securely connect to s3 buckets.
- Creating the IAM user and granting the permission using IAM role and policies to securely use of aws resources.
- Creating the Cloud watch and send the notification to respective stake holder's when it reaches the threshold using the SNS topics.
- Creating the EBS and EFS volumes and attaching to EC2 instance and providing timely support to restore and mount on target paths.

- Creating our own Virtual private cloud and Write the inbound and outbound rules for Security groups and network ACLs
- Automating the Cloud Env using Terraform.
- Securing and distributing network traffic by setting up high available VPC.
- Design roles and groups for users and resource tags using AWS Identity and Access Management (IAM)
- Configured PaaS services like App service, App service plan
- SSh file authentication like password less from one server to another server key generation, File System mounting and unmounting.
- Basic User Administration requests [user add, group add, passwd reset password lock / unlock]
- 24*7 on call support.

EDUCATION/ACADEMICS

Degree from AKNU – 2018

DECLARATION

I hereby declare that the above information furnished is true to the best of my knowledge and belief

(Priya)