DEVOPS ENGINEER

Name: EaganathanSaravanan   **Email ID:eaganathan2612@gmail.com**

                                                 Contact No: +91-9688025570

PROFESSIONAL SUMMARY

Professional Experience:

- Over around 8 years of total IT Experience and 3 years of experience as AWS DevOps Engineer in supporting Linux, Git, Maven, Jenkins, SonarQube, **AWS, Docker, Ansible, Terraform and Kubernetes.**
- **Build** and **deployments** under different testing environments starting from development to staging and production.
- Working Experience on **GitHub, Git, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build pipeline.**
- Expertise Knowledge in version control system in **GIT.**
- Created shell scripts to automate CI/CD process.
- Experience with **Linux/Unix environments** and **scripting** for Build & Release automation
- Installed Jenkins custom Plugins and handled administration.
- Experienced on **Branching** and **Merging** concepts in Version Control tool like **GIT**.
- Strong experience on build tools and packaging the source code using **Maven**.
- Participate in building the **DevOps** Platform using configuration management tool like **Ansible.**
- Good experience on **Ansible** Installing and configuring Ansible for automation deployment.
- Experience in various **DevOps** tools such as provisioning scripts, deployment tools, development and staging environments on **AWS** and using **Ansible.**
- Good experience on **AmazonWebServices** (**AWS**), Creating **EC2** Instances and configuring all necessary services.
- Taking the backup of **S3** and attaching the **EBS** to instance.
- Created physical infrastructure by using **VPC** service.
- Working experience on operating systems like **Linux**, **Unix** etc.
- Performed continuous Build and Deployments to multiple environments.
- Worked on **Jira** ticketing tool.
- Architect build scalable & Immutable Infrastructure on AWS Cloud infrastructure with automation and orchestration tools such as **Terraform along with Ansible for Configuration Management for setting up of Kubernetes** Container Platform creating Docker Images and Implemented CI/CD workflow for it.

ACADEMIC CREDENTIALS

- ❖ Bachelor of Science in Mathematics, Madurai Kamarajar University

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WORK PROFILE

Current Designation   : DevOps Engineer

Domain   : Insurance

List of Major Technologies   : Windows, Red Hat Linux, Apache Tomcat, Git, Maven, Kubernetes , Jenkins, Docker, nexus,SonarQube, AWS, EC2, S3, IAM, ELB.

IT FORTE

Version Control Tools	:	**GIT**
Containerization Tool	:	**Docker**
Configuration Management Tool	:	**Ansible**
Continuous Integration Tool	:	**Jenkins, CI/CD automation**
Artifactory Server	:	**Nexus**
Web Server	:	**Apache Tomcat**
Operating Systems	:	**Linux / Unix**
Code Coverage Tool	:	**SonarQube**
Ticketing Tool	:	**Jira**
Cloud Environments	:	**AWS**
Scripting language	:	**Shell scripting**
Infrastructure as Code	:	**Terraform,**
Orchestration	:	**Kubernetes**

PROFESSIONAL EXPERIENCE

❖ I have worked as Process Analyst at Accenture from Dec 2014 to Sep 2019

❖ Working as Associate DevOps Engineer at Cognizant from November 2019 to Nov 2022

PROJECT HANDLED AS BUILD AND RELEASE ENGINEER

Project1#

Client	Cigna Health Insurance
Role	DevOps Engineer
Environment	Linux,Git,Maven ,Jenkins,Tomcat,Ansible,AWS, Kubernetes

Description:

Cigna is an American multinational managed healthcare and insurance company based in Bloomfield, Connecticut. Its insurance subsidiaries are major providers of medical, dental, disability, life and accident insurance and related products and services, the majority of which are offered through employers and other groups (e.g., governmental and non-governmental organizations, unions and associations). Cigna is incorporated in Connecticut.

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        Cigna offers Medicare and Medicaid products and health, life and accident insurance coverages primarily to individuals in the U.S. and selected international markets. In addition to its ongoing operations described above, Cigna also has certain run-off operations, including a Run-off Reinsurance segment. In the Phoenix metropolitan area, Cigna runs a full-service staff-model health maintenance organization with satellite clinics throughout the region, known as the Cigna Medical Group. Cigna Global Health Benefits also operates under the Cigna corporation.

Roles and Responsibilities:

- Maintaining & preparing all reports.
- EC2 Instance Role **provides the Instance access to a set of IAM Credentials and – if the associated IAM Policies permit – access to AWS services**.
- VPC provisions logically isolated sections of a public cloud in order to provide a virtual private environment.
- Installing and configuring GIT, Jenkins, Deployment and automation.
- Identity root cause, and resolve problems.
- Manage and configure AWS services as per the business needs **(ELB, Route53, S3, IAM, VPC)**
- Maintaining the source code in GIT for various applications.
- Administered merge, build and deployment of the codes to all the environments.
- Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End- End Job Setup of all the projects.
- Jenkins is used as a Continuous Integration tool for automation of daily process.
- Involved in the release process and deployed applications (WAR and JAR) to the Tomcat.
- 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.
- Worked on creating Kubernetes cluster from end to end.
- Proficient with container system like Docker and container orchestration like EC2 container service, Kubernetes worked with Terraform
- Setup/Managing VPC, Subnets, make connection between different zones blocking suspicious IP /subnet via ACL.

Personal Details:
- Languages Known   : Tamil, English and Sourashtra

Declaration:
        I hereby declare that all the above furnished information is true to the best of my knowledge.

Place: Chennai.   Eaganathan.