**PROFILE SUMMARY**

* Having 4 years strong background in DevOps, AWS, Terraform, Kubernetes, Linux and Oracle Database etc.
* Completed Projects in Containerization Automation in Kubernetes using Terraform and skilled in Docker, Amazon Web Services (AWS), Kubernetes.
* Professionally involved with Kubernetes Platform Development, Apps & Infra Deployment, DevOps CI/CD.
* Work with automation/provisioning tools like Terraform, Jenkins, Ansible.
* Experience in Cloud and Container Technologies like AWS, Docker, Kubernetes etc.
* Good knowledge of Build and Unix/Windows Automation.
* Calm under pressure and thrive in a time-critical, fast-paced, information-sensitive environment.

**SKILLS**

|  |  |
| --- | --- |
| DevOps and Automation Tools   * Terraform * GIT and GitHub * Docker and Docker Hub * Kubernetes * Ansible * Jenkins   Virtualization and Cloud Technologies   * Amazon Web Services (AWS)   1. EC2   2. VPC   3. IAM   4. S3   5. EKS   6. Endpoints   7. ELB   8. AUTO SCALLING | Operating Systems   * Linux     Other Tools   * Nexus Artifactory (repository manager) * Sonar-Qube (Code-analysis) |

**EDUCATION**

|  |  |  |
| --- | --- | --- |
| **Degree** | **Institute** | **Year** |
| Bachelor of Engineering | Ranippettai Engg college - Vellore Tamil Nadu, India | 2008 – 2011 |

**PROFESSIONAL EXPERIENCE**

**Cognizant Technology Solutions (2.2 Years)**

**Role:** **Senior Associate**

**Scope of Project: (Kaiser Permanente Account)**

The project is all about to provide a Web Application in CI/CD Pipeline using Terraform thru Amazon Web Services like EC2, EKS, S3 etc. I also used multiple tools where GIT and GitHub as a version control tool and Jenkins and Maven are used for integration and Build tools. And once the artifacts are created it is then pushed to Docker hub and then Pods are created using Kubernetes Cluster with a rolling update with the latest docker images.

**Roles and Responsibilities:**

* Creation and Configuration of Terraform, AWS CLI for AWS services.
* Creation of modules in Terraform for multi pillar architecture with remote state in S3.
* Configuration of terraform code for Java, Jenkins in EC2 instance.
* Integration of GIT with Jenkins to pull code from git for the maven build.
* Creation, Configuration, and Integration of Docker with Jenkins.
* Creation and Configurations of Kubernetes using EKS in an EC2 Instance using Terraform.
* Creation of Continuous Integration Job to create image for Kubernetes.
* Creation of Jenkins Deployment Job for Kubernetes with rolling update to create pod.
* Testing git pushes which creates a new pod with changes made in source file with complete CI/CD Pipeline.
* Integrating SonarQube for code analysis and Nexus-Artifactory for build artifacts releases in CI Pipeline.

**Tools & Environment:** Amazon Linux, AWS, Terraform, GIT, GitHub, Jenkins, Maven, Ansible, Docker, Docker Hub, EKS Kubernetes.

* Worked as Sr. System Engineer Infrastructure Engineer LTI – Chennai from Jun-2019 – Dec-2021.
* Worked as Oracle database admin Associate Technical in Cognizant technology solutions – Chennai from Jan-2018– Jun-2019.
* Worked as Oracle database admin Consultant Six sigma soft Solution Pvt Ltd (TCS) – Chennai from April-2015 – Dec-2017.

**DECLARATION**

I do hereby declare that the written particulars are true to my knowledge and can be subjected to verification at any time.

**PLACE :** Chennai.

**DATE :**   **Ashokan Sekar**