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**SUMMARY**

* 1+ years of strong IT experience in Software Configuration Management and DevOps engineering.
* Build Management – Experience in tools such as **Jenkins, Maven, and Nexus for build management**
* Hands on experience with Configuration Management Tool such as **Ansible** and also Expertise in writing **playbooks** and creating **Roles for Scalability and Reusability** in **Ansible.**Worked cloud AWS services EC2, VPC, S3, Cloud watch, Terraform and IAM, SNS, ECS, security Group, NACL in VPC, RDS, Route53.
* Worked on server less architecture as AWS Lambda, API Gateway, DynamoDB.
* Worked on configuration management tool Ansible.
* involvement in developing **APIs**using **Kubernetes** to manage and specify the copies of

the the containers to run the actual servers in the cloud environment. **Scheduled**, **deployed** and managed **container**

* Managing the environments on-primases windows and Linux environments and as well as cloud AWS.
* Worked on configuration management tool Ansible.
* Good understanding of Database Management Systems.
* Setup a Monitoring and Analytics tools Prometheus and Grafana
* Experience with Continuous Integration tool sets (Jenkins, Sonarcube, maven, etc.) and Continuous Deployment methodologies.
* Having knowledge of Container Management and Orchestration Software like Dockers, Kubernetes and Terraform.
* Experience in creating VPC, Subnets and setting up EC2 instances and adding instances to respective subnets.
* Deployed configuration management and provisioning to AWS using **Terraform.**

**SKILL MATRIX**

| Languages | YAML |
| --- | --- |
| Application Servers | Tomcat |
| CI/CD | Jenkins |
| Cloud Computing | Amazon Web Services, Azure. |
| Containerization Platform | Docker |
| SCM | GitHub |
| Scripting | Shell |
| Operating Systems | Linux, Windows |
| IAAC | Terraform |
| Serverless Architecture | AWS Lambda, DynamoDB |
| Config Management Tools | Ansible, Terraform |
| Orchestration Tools | Kubernetes |

**PROFESSIONAL EXPERIENCE:**

Project :

Project Name : Touch n Go

Client : TNG

Role : DevOps Engineer, Aws Admin

Date : June2022 **to till date**

Tools : GIT, Kubernetes, Jenkins, Tomcat, Terraform, , Docker,

Environmen**t :** AWS, Linux, windows

Description:

The Touch 'n Go smart card is used by Malaysian toll expressway and highway operators as the sole electronic payment system (EPS). The credit card-sized smart card is made of plastic with microchip technology embedded in it. The Touch 'n Go systems are designed to process up to 800 vehicles per hour to ease the queue congestion at toll plazas and if used together with SmartTAG (a non-stop electronic toll collection system), will be able to process up to 1,200 vehicles per hour.

Responsibilities:

* Creating branches and tags in GIT repositories and provided branches access permission to Dev team
* Responsible for tagging and maintaining code on version control.
* Creating the Build & Deployment plans in Jenkins as per the project requirement.
* Configuring Jenkins as a common CI engine to build and promote applications to DEV, QA, STG and UAT environments.
* Deploying the code to test environments using automated deployment tool Jenkins.
* WS services EC2, VPC, S3, ELB, Cloud watch, EBS, Terraform and IAM, RDS.Worked on cloud A
* Have knowledge on kubernetes and terraform which were recently used for deployments of infrastructure.
* Used **Jenkins pipelines** to drive all micro services builds out to the **Docker registry** and then deployed to **Kubernetes**, Created **Pods** and managed using **Kubernetes.**
* used ingress rules and **IngressControllers- Traefik**and **Nginx.**
* Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository- Nexus v3.
* Managed **Kubernetes**charts using Helm. Created reproducible builds of the **Kubernetes**applications, managed Kubernetes manifest files and Managed releases of Helm packages.
* Kubernetes by deploying a Go app through a full CI/CD pipeline using a configured **Helm chart.**
* Deployed configuration management and provisioning to AWS using **Terraform.**
* Provisioning and Managing infrastructure as a TerraWorked on Setup and Managing AWS services. (EC2 Security Groups, IAM and VPC).

**Education**

* B.Tech from Reva University,Bangalore.

**Working experience**

## Working as a DevOps Engineer in Infosys Private Limited Bangalore from june 2022 to till Date.

**CERTIFICATE**

**AWS Certified Cloud**