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**Professional Synopsis**

A dynamic DevOps/GCP/AWS/AZURE Engineer having overall 6+ years of experience Information Technology industry, looking for a platform where I can implement my skills which I have learned with my past experience and can get a chance to gain new skills which will help me to grow in future professionally and personally.

**Experience Summary**

* Having overall 6+ years of experience Information Technology industry in various roles with excellent experience in **DevOps Engineer with GCP/AWS Cloud Computing/Development** **and Implementation** of Java based web Applications.
* Having experience as a **DevOps and GCP/AWS Engineer** which includes environment setup, continuous integration, and continuous deployment.
* Proficient in build deployment, build scripts and automated solutions using shell scripting.
* Backup and Restoring the RDS Snapshots, EBS Snapshots and Jenkins Jobs to S3 Bucket by using the Lambda Functions.
* Implementing and setting up Route 53 for AWS Web Instances, ELB & Cloud Front on AWS Environment.
* Expertise in AWS services like EC2, ELB, ECS, ECR, Auto Scaling, RDS, IAM, S3, VPC, EBS, Route53 and Cloud Watch etc.
* Implemented the Highly scalable infrastructure using ELB and Auto Scaling services. Creating Public and private Subnets, Routing tables and Internet Gateway by using VPC.
* Managing Grafana, Dynatrace and Cloud watch for monitor critical system health, performance, security, disk usage etc.
* Designed and implemented continuous Integration and Continuous deployment pipeline using Jenkins, GitHub, Ansible and Docker.
* Worked on Web servers and Application servers like Jboss, Apache, and Tomcat to deploy code.
* Configuration management - good experience in Ansible and automation in multi-tier applications.
* Hands on experience in development of utilities using Shell, JSON, Python Boto 3 and YAML scripting to automate processes.
* Hands on Experience with code repositories like GIT, GitHub.
* Working experience with build tools like Maven.
* Extensively used Jenkins for implementing CI & CD.
* Working on developing and enhancing build scripts and tools to improve the efficiency of the developments and its build process.
* Maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple environments like DEV, QA, UAT and PROD.

**Education Qualification**

* Post Graduation in 2014 from Yogi Vemana University, Kadapa, Andhra Pradesh, INDIA.

**Professional Experience**

* Currently Working with Sapient as a DevOps & GCP Engineer from Jul-2022 to Till Date.

**Technical Expertise**

* **Orchestration Tools**  : Docker Swarm, Kubernetes
* **Cloud** : AWS, GCP
* **Automation tools**  : Ansible, Jenkins, GitHub actions, Argo CD
* **Build tools**  : Maven, NPM
* **Version Control** : GIT, GITHUB
* **Virtualization & Containerization**  : Docker
* **Scripting Languages** : Shell scripting, YAML
* **Web and Application Server** : Jboss, Apache, Nginx & Tomcat
* **Database**  : Oracle
* **Ticketing/Monitoring Tools** : Cloudwatch, Grafana, Dynatrace
* **operating system :** Linux
* **Client Utilities :** Winscp, Putty, Firezilla

**Project Details**

**Project:** **#3**

# Client: MMS(MediaMarktSaturn)

# Role: GCP/DevOps Engineer

**Responsibilities:**

* Hands on Experience with code repositories like GIT, GitHub and GitHub Actions.
* Working on developing and enhancing build scripts and tools to improve the efficiency of the developments and its build process.
* Take caring the GitHub administration which includes Branch creation, Providing user permissions, Repo and Org creation.
* Debugging build failures, coordinating with developers and testers to resolve related issues.
* Working experience with build tools like Maven.
* Promote Development builds from lower environments to Test Environments via Jenkins.
* Performance Monitoring: Implemented Grafana for real-time monitoring and visualization.
* Scalability and Performance: Design and implement autoscaling rules, load balancing, and caching strategies to optimize application performance and ensure high availability.
* Creating production ready images for the Stage, Pre-Prod and Prod environments by using Jenkins. And GitHub Actions.
* Automating the regular day-to-day tasks performed by the client or other teams, with the help of scripts, thus enhancing client value creation.
* Manage production deployment and release across fleet and Provided 24x7 on call support.
* Helping developers in issues that they encounter with the builds, process flow and other functional issues.
* Supporting developers by running SQL scripts on PROD Environments (Insert, Update tables).
* Working on alerts received from ticketing tool on the Test, Maint and Prod hosts (CPU Usage, RAM Consumption, SWAP, Inodes and disk usage).
* Creating Requests for adding ssh-keys on hosts, requesting Upscaling of VM's, requested DB extensions for disk-space etc.
* Applying changes on TEST, Maint and PROD Environments received from the developers for functional and operational changes.
* Worked with GitOps and Argo CD as a part of CI/CD workflow.

**Project:** **#2**

# Client: Nicoya

# Role: AWS/DevOps Engineer

**Responsibilities:**

* Creating the Static content deployments with CloudFront, S3, IAM and Certificate Manager.
* Managed Amazon Web Services for the project including configuration and deployment of all required infrastructure, administrative tasks, and budgeting.
* Integrated GitHub web hooks into Jenkins to automate the code check-out process.
* Integrated couple of tools with DevOps CI/CD approach and debugging the things if any issue arises.
* Automated the Servers stopping and starting using Lamda Service with Boto3.
* Creating production ready images for the Stage, Pre-Prod and Prod environments by using Packer and Automating the Server and AWS service creation with Terraform.
* Automating the regular day-to-day tasks performed by the client or other teams, with the help of scripts, thus enhancing client value creation.
* Manage production deployment and release across fleet and Provided 24x7 on call support.

**Project:** **#1**

# Client : Citi

# Role: Build and Release Engineer

**Environment**: CI&CD, GIT, Maven, Docker, Jenkins.

**Responsibilities**:

* Creating and managing the Development, QA, Pre-Prod and Production Environment.
* Working on developing and enhancing build scripts and tools to improve the efficiency of the development and its build process.
* Take caring the GitHub administration which includes Branch creation, Providing user permissions, Repo and Org creation etc.
* Automating the regular day-to-day tasks performed by the client or other teams, with the help of scripts, thus enhancing client value creation.
* Certificate creation for the applications with OpenSSL and inserting them into the required servers.
* Responsible to create CI/CD setup for new microservices with GitHub, Jenkins, Ansible and Docker with Apache Mesos etc.
* Debugging build failures, coordinating with developers and testers to resolve related issues.

**Declaration**

I hereby declare that the above-mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned.

**Date:**

**Place:** Bangalore **M Madhu**