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| **VENKATESHA HANCHINAL**  AWS/DevOps Engineer  Email: venkateshahanchinal666@gmail.com  Mobile No: +91 9019056879 |

# **Professional Summary**

Over 3+ years of substantial IT experience with expertise in AWS cloud services, DevOps, Build and release Engineering, Software configuration Management (SCM), Cloud Infrastructure.

* 3+ years of experience in DevOps and **Build and release process**, Implementing,

Configuring and automating end-to-end CI/CD process

* Hands-on experience working with AWS services - **EC2, VPC, RDS, ELB, S3, SNS, Cloud** **watch, EBS, Route 53, Identity & Access Management (IAM),** Cloud Trail, Lambda and complete understanding of security groups.
* Expertise with software Build automation and standardization tools like Maven, Worked with **Pom.xml** and **Build.xml** respectively for the building of deployable artifacts (war & ear) from source code.
* Experienced in using **Jenkins** as continuous integration tool to creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system, and post build actions, scheduled automatic builds, notifying the build report.
* **Elastic Compute Cloud** instances launch for Linux servers as well as Windows servers and Stop, Reboot, terminate instances with AWS, whenever required.
* Experience in **Ansible**, automated deployment process by writing ansible playbooks using different modules, loops, facts, vars, ad-hoc commands.
* Extensively used **Docker/Kubernetes** for containerization, virtualization, Ship, Run and Deploy the application securely to fasten Build/Release Engineering.
* Hands on experience on Provisioning AWS resources Using **Terraform** modules
* Experienced working on several **Docker** components like Docker Engine, Hub, Machine, creating Docker images, Compose, Docker Registry and handling multiple images primarily for installations and domain configurations.
* Expertise in automation tools like Git, Maven, Jenkins, Ansible and Docker.
* Worked with Docker and created multiple containers and images (Tomcat, Ubuntu, Etc.). Configured these containers to communicate with each other.
* Experience on orchestration tool **Kubernetes** to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts
* Strong background in Branching, Merging, Tagging, and maintaining the version across the environments using SCM tools **GIT (GitHub).**
* Extensive experience using **MAVEN** as build tools for writing build.xml and pom.xml and building of deployable artifacts from source code.

Good interaction with developers, managers and team members to coordinated job tasks and strong commitment to work.

# **Work Experience**

Working as an DevOps Engineer for **SKY LAB INFOTECH PVT LTD.**

From June-2019 to till now

# **Academic Qualifications:**

B.com Computer Application from RC University Belagavi.

# **Technical Skills**

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| **SCM Tools** | GitHub |
| **Build Tools** | Maven |
| **CI /CD Tools** | Jenkins |
| **Configuration Tools** | Ansible |
| **Containerization** | Docker, Kubernetes |
| **Monitoring Tools** | Cloud watch, Grafana & Prometheus |
| **Cloud Platforms** | AWS |
| **AWS Services** | EC2, ELB, VPC, RDS, IAM, S3, CloudWatch, CloudTrail, SNS, SQS, EBS, Dynamo DB, Lambda |
| **AWS RDS** | MySQL |
| **Database System** | Mongo db. |
| **Scripting Languages** | Shell Scripting. |
| **Servers** | Apache Tomcat, Apache Server |
| **Ticketing tool** | Jira |
| **Artifact Repository** | Nexus Artifactory |
| **AWS Infrastructure provision** | Terraform |

**Project Details:**

**Project 1** : REMUS

**Role**  : AWS & DevOps Engineer

**Client**  : Mphasis

**SCM Tools** : GIT & GitHub

# **Roles & Responsibilities:**

* Granting access to the different users for **GitHub/AWS/Jenkins** services.
* Used **Terraform** to provide AWS infrastructure and Code Pipeline/Jenkins/AGI are used for CI/CD processes. Migrated AWS infrastructure from one AWS account to another AWS account
* Work as a team to deliver **24/7 support** for Amazon Web Services within **Cloud Operations team.**
* Implemented Jenkins Shared libraries from scratch with different **CI/CD pipelines**. (Maven Pipeline, python Pipeline and terraform Pipeline etc...)
* Implemented lot of terraform modules to reuse the code
* Moved all **Jenkins** pipeline jobs from one Jenkins server to another Jenkins server along with its Secret Credentials.
* Implemented **cross account access** roles with suitable IAM polices in AWS.
* Configuring **CloudWatch** rules for triggering the backups and start and stop of EC2 machines through lambda scripts as per the client requirement timings to ensure high availability of Data
* Implemented total CI/CD end to end processes with **AWS Code Pipeline**, Code Build and Code Deploy.
* Created a Continuous Delivery process to include support building of **Docker** **Images** and publish into a private repository like Artifactory (Nexus) and Amazon Elastic Container Registry (AWS ECR).
* Excelled on creating **AMI** (AWS Machine Images) that utilizes **ELB** (Elastic Load Balancer) and Auto Scaling

**Environment:** AWS (EC2, S3, Lambda, VPC, EBS, ELB, Cloud Watch, IAM), Code Pipeline, Code Deploy, SNS, GIT, Maven, Jenkins, Nexus, AGI, Tomcat, Docker, Kubernetes, Python, Shell Scripts.

# **Project Details:**

**Project 2** : GLEAM

**Role**  : AWS & DevOps Engineer

**Client**  : Mphasis

**SCM Tools** : GIT & GitHub

# **Roles & Responsibilities:**

* Involving in Implementation of various AWS cloud Application using Amazon EC2, S3, Elastic Load Balancing (**ELB**), Auto scaling, Elastic Block Storage (**EBS**), Cloud Watch, Identity Access Management (**IAM**), Implementing Virtual cloud platforms using Amazon Virtual Private Cloud (**VPC**).
* Experience in AWS provisioning by creating **EC2** Instances and configuring all necessary services like Security, EBS, and S3.
* Implemented & Maintained the Branching and Build/Release strategies utilizing **GIT** source code management and setting up **GitHub** repositories.
* Created AWS S3 buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket
* Creating **CI/CD pipelines** by integrating Git, GitHub, maven, Jenkins, and AWS (provisioning).
* Configuring and setting up **Jenkins** created Jobs for automating the build process.
* Installing and configuring of DevOps tools like Git, Maven, Jenkins, Tomcat, and Docker.
* Used **Maven** as build tool for Java based projects and having knowledge on Pom.xml
* Coordinating with the Development team to fix the Build related issues.
* Created **Jenkins pipelines** jobs by using Jenkins file and also enabling build triggers to automate Jenkins jobs.
* Attending Scrum Meetings with Dev & QA.

**Environment:** AWS (EC2, S3, VPC, EBS, ELB, Cloud Watch, IAM, Autoscaling, SNS), GIT, Maven, Jenkins, Apache Tomcat, Docker, Shell Scripting.

**Declaration:**

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