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| Ravikiran  AWS & DevOps ENGINEER | Address  **7676307169**  **ravikiranradhakrishna666@gmail.com**  LinkedIn Profile |

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|  | **professional Summary** |

Over 3+ years of Substantial IT experience with expertise in AWS cloud services, DevOps, Build and release Engineering, Cloud Infrastructure, Automation and Micro services technologies like Docker.

* 3+ years of experience in **DevOps** and Build and release process, Implementing, Configuring and automating end-to-end **CI/CD process.**
* Experience working with various AWS services like **EC2, S3, ELB, Autoscaling, Route53, Cloud Watch, RDS, VPC, Cloud Formation.**
* 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.
* Configured and managed Elastic Load Balancing (**ELB**), to avoid failure of applications, thus providing high availability and network load balancing.
* 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.
* Implemented **Ansible** for setting up new environments and installation of required software and tools.
* Installed and configured Jenkins using **Ansible playbooks** and Roles.
* 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.
* 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.
* Experience on orchestration tool **Kubernetes** to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts.
* Worked with **Docker** and created multiple containers and images (Tomcat, Ubuntu, Etc.). Configured these containers to communicate with each other.

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|  | Education |

## Master of Business Administration in Bangalore University

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|  | Work Experience |

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

## From June-2019 to Till Now

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|  | Technical Skills |

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

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|  | Project Details |

**Project** : GLEAM

**Client** : Mphasis

**SCM Tools** : GIT, GitHub

**Role** : AWS & DevOps Engineer

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|  | **Roles & Responsibilities** |

* Implemented **Jenkins Shared libraries** from scratch with different CI/CD pipelines. (Maven Pipeline, Python Pipeline and Terraform Pipeline etc...)
* Moved all Jenkins pipeline jobs from one Jenkins server to another Jenkins server along with its Secret Credentials.
* Implemented lot of **Terraform** modules to reuse the code.
* 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**).
* Implemented cross account access roles with suitable **IAM** polices in AWS.
* Granting access to the different users for GitHub/AWS/Jenkins services.
* Integrated builds into Jenkins and configure **GIT** parameterized builds. Also installed many custom plugins along with Maven plugins.
* Integrate with Git, SonarQube, nexus and Jenkins for Automatic Builds and sending email and slack notifications to groups.
* Setup **Master** and **Slave** **machines** on for a running the Jenkins Jobs parallel.
* Used **Docker** Container for running different individual services.
* Attending Scrum Meetings with **Dev& QA**.

**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.

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|  | Project Details |

**Project** : TDC

**Client** : Mphasis

**SCM Tools** : GIT, GitHub

**Role**  : AWS & DevOps Engineer

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|  | **Roles & Responsibilities** |

* Worked on **Lambda** in Python for automating operational resources like taking backups and if any EC2 Instance stopped have to trigger alarms to my email.
* Uploads of huge amounts of customer patient’s data to **S3** through AWS CLI from the destination source **RDS**.
* Created AWS S3 buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.
* Responsible for **S3 buckets** creation, policies and IAM role-based policies.
* Configuring the Cross-region replications across the accounts to replicate the data between the required AWS accounts.
* Implemented **Amazon RDS** multi-AZ for automatic failover and high availability at the database tier.
* Responsible for creating monitors, alarms, and notifications for **EC2 hosts** using Cloud watch.
* Setting up an **Auto Scaling group** to maintain a fixed fleet size so that it replaces unhealthy EC2 instances by new ones.
* Managing multiple users and their permissions with **Identity & Access**   
  **Management**.

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

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|  | **Declaration** |

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