### **RESUME**

### **MUNIRARAJESH.K** **Phone no: (+44) 7459451622** **AWS - DevOps Engineer** Mail-id: kmrajeshreddy@gmail.com

**PROFESSIONAL PROFILE:**

* Having overall **9.5+ years** of IT Industry experience in Build and Release Management, Configuration Management, Infrastructure, Deployment and DevOps Engineering, Cloud Infra Amazon **AWS**, Tivoli Storage Manager and Administrator
* **6.5+ years** of work experience in build and Deployment, DevOps Engineering, Cloud Infra Amazon **AWS.**
* **3 years** of experience in Backup tools Administration using **TSM, which includes Linux/Aix administration.**
* Excellent knowledge of **CI** (Continuous Integration) and **CD** (Continuous Deployment) methodologies.
* Have good knowledge of DevOps tool such as **GIT, Jenkins, Maven, Ansible** and **Docker** (Container service).
* Excellent Work experience in **Agile Projects**.
* Experience in **Kubernetes** to manage Docker Containers
* Experience using **Terraform** to provision AWS Resources
* Good knowledge in Linux Operating System (Rhel /cent os). Work experience in AWS.
* Good SCRIPTING knowledge in Python and **Shell Scripting**
* Result oriented, self-driven, highly motivated, smart and ready to learn new technologies, methodologies, strategies and processes.

**Educational Qualifications:**

**M.S** (Telecommunication Engineering ) From BTH, Sweden. **( 2005 - 2008)**

**B. Tech (ECE)** Bharathiyar Engineering college, Pondicherry University, India **( 2000 - 2004)**

**Technical Skills:**

**Operating Systems.    : Windows Server, UNIX, LINUX, Cent OS**

**Source control tools       : GIT**

**CI Tools                               : JENKINS**

**Build Tools                         : MAVEN**

**Repository . : NEXUS**

**Configuration Management Tools  .  : ANSIBLE, ANSIBLE-TOWER, CHEF**

**Scripting language .                      : Shell/bash Scripting, Ruby and python**

**Tracking tools  .                 : JIRA, Remedy**

**Web/App servers                      : Tomcat, Web-logic, Web-Sphere**

**Cloud Platform . : AWS, Cloud Formation, Terraform**

**Containers . : DOCKER, KUBERNETES**

**PROFESSIONAL EXPERIENCE:**

**BNY Mellon Technology . JULY2017 - JUNE2019**

Designation: **Tech-Lead**, **DevOps Engineer**

**Responsibilities:**

* Software Config management (Automate **CI & CD** pipe using Ansible, Maven, Jenkins & GIT).
* Uses different Jenkins plug-in to create this **CI/CD** work flow and AWS code Pipeline.
* Created different jobs to deploy application in different environments **DEV/QA/UAT/XAT**.
* Writing inventory files and **Ansible** configuration files.
* Configured packages, services using **Ansible roles**.
* Configured Jenkins Jobs, install plugins for generating Project artifacts.
* Set up Continuous Integration (CI) for major releases in **Jenkins.**
* Creating Jenkins-pipelines jobs and writing **Jenkins files** and Jenkins pipeline groovy scripts
* Setup the **Nexus** repository for deploy the artifacts.
* Configuration Automation using **Ansible** and **Docker** Containers.
* Creating and build the Docker images as well as Docker-composes
* Having experience in **Ansible-TOWER**
* Used to support applications deployment using **Ansible, , Jenkins**, **Maven** and **Nexus**
* Expertise in writing playbooks and creating Roles for Scalability and Reusability in **Ansible.**
* Manage configuration of Web App and Deploy to **AWS** cloud server through Ansible.
* Configured packages, services using **Ansible** modules like yum, service, templates, handlers etc.
* Used **IAM** to create new accounts, roles and groups.
* Designed AMI images of **EC2** Instances by employing **AWS CLI** and GUI.
* Setup and managed **EBS** Volumes and **EIP** to **EC2** Instances.
* Experience **AWS Lambda** functions to trigger various AWS resources.
* Experience in **Cloud Formation** in YAML and JSON format.
* Experience in **Kubernetes** to manage Docker Containers.
* Created multiple **Terraform** modules to manage and automate AWS instances
* Having knowledge on adding Elastic Block Storage (**EBS**).
* Manage and configure AWS services as per the business needs (**ELB, SNS, EC2, Route53, S3, RDS, Cloud Match, IAM, VPC, Auto Scaling**)
* Deploying and Scaling high traffic web application services on **EC2** instances using **Cloud Watch, Auto** **Scaling** and **ELB**.

**PROFESSIONAL EXPERIENCE:**

**Tech-Mahindra, (Selwyn Technology). JUNE 2014 - JUNE 2017**

Designation: **DevOps Engineer**

**Responsibilities:**

* Uses different Jenkins plug-in to create this **CI/CD** work flow.
* Created different jobs to deploy application in different environments DEV/QA/UAT/XAT.
* Writing inventory files and **Ansible** configuration files.
* Configured packages, services using Ansible playbook roles
* Configured Jenkins Jobs, install plugins for generating Project artifacts.
* Set up Continuous Integration (CI) for major releases in **Jenkins.**
* Setup the **Nexus** Repository for deploy the artifacts.
* Configuration Automation using **Ansible** and **Docker** Containers.
* Creating and build the Docker images as well as Docker-composes
* Configuration automation tool **Chef** isfor automation deployment
* Supported Python, PHP & Java apps deployment using **Ansible, Jenkins**, **Maven** and **Nexus**
* Expertise in writing playbooks and creating Roles for Scalability and Reusability in **Ansible.**
* Manage configuration of Web App and Deploy to **AWS** cloud server through Ansible.
* Configured packages, services using **Ansible** modules like yum, service, templates, handlers etc.
* Used **IAM** to create new accounts, roles and groups.
* Having knowledge on adding Elastic Block Storage (**EBS**).
* Manage and configure AWS services as per the business needs (**ELB, SNS, EC2, Route53, S3, RDS, Cloud Match, IAM, VPC, Auto Scaling**)
* Experience with Bug Tracking tool like **JIRA**.

**PROFESSIONAL EXPERIENCE:**

**IBM . FEB 2012 - JUNE 2014**

Designation: **Sr Associate Infrastructure Engineer,**

**Responsibilities:**

**•** Configured Jenkins with multiple plugins for CI/CD

• Uses different Jenkins plugins to create this **CI/CD** work flow.

• Configured packages, services using Ansible modules and ansible roles etc.

• Configured Jenkins Jobs, install plugins for generating Project artifacts.

• Setup the **Nexus Repository** for deploy the artifacts.

• Set up Continuous Integration (CI) for major releases in Jenkins.

• Used **Git, Maven, Jenkins, Nexus and Jira** as tools for day-to-day build & release cycles.

• Configured and maintained Jenkins to implement the CI process and integrated with Maven .

* Creating Jenkins-pipelines jobs and writing **Jenkins files** and Jenkins pipeline groovy scripts

• Created different jobs to deploy application in different environments **DEV/QA/UAT/XAT**.

• Check out code from repository, build artifacts using **maven**.

• Developing **Ansible** playbooks and Ansible-Roles, for different scenarios to manage

**PROFESSIONAL EXPERIENCE:**

**Mphasis an HP. DEC 2009 - FEB 2012** Designation: **Lead Infrastructure Engineer**,

**Responsibilities:**

• Monitoring Recovery log utilization to ensure high availability of TSM server.

• Working on Missed & Failed Backups and fixing the issues

• Working on Bad Tapes Identifying Tape volume errors move the data of the volume to destroy the volume based on the number of READ/ WRITE errors or restore data from copy tape volumes and remove from storage pool and checkout the volume from library

**LINUX**:

• Based on Managing users & groups and their access permissions, expiries, locking, limiting and granting access to users and groups their profiles through SUDO.

• Manage security, including basic firewall and SELINUX configuration.

• Scheduling/Controlling of jobs using CRON .

• Managing Backups & Restore as per requirement by using TAR.

• Process management , Monitored CPU, memory, hardware, and software operating systems

• File system Creation, Mounting, Un-mounting, FSCK error checking.

• General maintenance and performing daily health check on the servers.

• Planning & Resolving the Issues within the specified down time.

• Checking errors, rebooting of servers, restarting servers.