**MUNI** **Email: munidevops98@gmail.com**

**Devops Engineer Mobile: 9008090221**

### Professional Summary:

* Around **4.7+ years** of experience in IT sector in **Linux** administration, build engineering and release management Process, building and deploying applications by adopting **DevOps** practices such as **Continuous development, Continuous** **Integration (CI) and Continuous Deployment (CD**)in runtime with various tools like **Git, Maven, Jenkins, Ansible, Chef, Docker, Kubernetes** and managing cloud services with **Azure & AWS.**
* **Linux/Unix** system administrator on Red hat EL, 5.x, 6.x, CentOS 4.x,5.x and VMware environment. Involved in migrating physical **Linux/Windows** servers to cloud **(AWS)** and testing.
* Experienced in administration, troubleshooting, tuning, security, backup, recovery and upgrades of RHEL Linux
* Experience on complete software development life cycle (SDLC) with software development models like **Agile, Scrum Model, JIRA, Waterfall models**
* Implemented Puppet hierarch to separate data from puppet code.
* Worked with Version/Source management tools like **GIT, GITHUB.**
* Developed Build and deployment scripts using **MAVEN** as build tool in Jenkins to move from one environment to other environments.
* Experience in implementing **Continuous Integration** and deployment using various **CI** Tools like **Jenkins** & Configuration management tool like **ANSIBLE.**
* Expertise in creating Devops strategy in mix environments of Linux **(RHEL, CENTOS**) along with AWS. Experience in configuration management tool **Chef** for automation configuration management /deployment integrated with Jenkins.
* Good understanding and experience in building **CI/CD** pipelines using automation tools like **Jenkins/Team city.**
* **Troubleshoot & Resolve** builds failures due to infrastructure issues. Set up and execute process to code review system effectively.
* Exp in configuring, managing, and troubleshooting Server-side issue
* Working on **Devops** **ANSIBLE** playbooks and manage systems configuration.
* Performing automations by using **SHELL.**
* Responsible for the design and deployment of Builds, Scripts installation procedure and systems including source code control and issue tracking.
* Integrate **Jfrog, Nexus Artifactory** to Jenkins and push the artifacts in art factory.
* Experienced in deploying **EAR, JAR**, and **WAR** in **Tomcat, JBoss** Application Servers in Linux/Windows Environments,
* Managing deploying and maintaining application in **DOCKER** containers by using **KUBERNETES**
* Monitoring tools **ELK & Prometheus** and also experience in micro services like **DOCKER**
* Experience working in **Agile Methodology (**SCRUM**).**

### Experience on Cloud-Computing AWS:

* Experience in **AWS EC2**, cloud storage **S3** and security services **IAM** and also in **VPC**, **Cloud**, **Amazon Elastic Search**, and Security Groups with an overall objective to improve the scalability, reliability, performance, and availability of the **cloud infrastructure**. Administrates the cloud development, test and production cloud hosted environments. Experience in **IAAS, PAAS, SAAS** solutions.

### Technical Skills:

|  |  |
| --- | --- |
| * Operating Systems | * **Windows, Red Hat Linux** |
| * Database | * **MySQL** |
| * Application Server | * **Apache Tomcat** |
| * Version Control Tool | * **GIT, GITHUB, Azure DevOps** |
| * Continuous Integration Tool | * **Jenkins, Azure Pipelines** |
| * Configuration mgnt Tools | * **Ansible,Chef** |
| * Build Tool | * **Maven, NodeJS** |
| * Scripting | * **SHELL Scripting, BASH** |
| * Process | * **Agile (Scrum Team)** |
| * Monitoring Tools | * **Nagios, CloudWatch, Datadog.** |
| * Cloud Environment | * **AWS,GCP** |
| * DevOps Tools | * **Git, GitHub, Bitbucket, Maven, Jenkins, Ansible, and Docker, SonarQube** |
| * Iaac Tools | * **Terraform, Dockerfile** |
| * Containerization | * **Docker & Kubernetes** |

* **Educational Qualification:**

**MBA in** KMM Institute of Post Graduation Studies 2011.

### Professional Experience:

* Working as Senior Devops Engineer in **TATA CONSULTANCY SERVICES ,** from November 2016 .

### Project:1

* **Project : Capital One - McLean, VA**
* **Role : DevOps Engineer**
* **Environment : Ansible, Aws, Git, Jenkins, Linux, Maven, Docker,**

**Kubernatees.**

Description**:** - TD Bank. Inc is a bank holding and a financial holding company through its principal subsidiary. Trustmark, the company offers a line of financial services for consumers and businesses, including deposit, credit, mortgage banking, trust and investment services. As a DevOps Engineer, I was responsible to build and run large-scale web production system and application environment to ensure site.

Responsibilities:  
• DevOps Workflow representing all stages starting from SCM Commit Build, Integration Build Which Compiles Code, Junit Test cases and Code Coverage, Build and Bundle, Publish with Lead Approvals and Deployment of Artifacts.  
• Create and configure Jenkins server using Terraform and Ansible.  
• Use of Docker, Kubernetes and OpenShift to manage micro services for development of continuous integration and continuous delivery  
• Launching AmazonEC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.  
• Installed application on AWS EC2 instances and configured the storage on S3 buckets.  
• Managed IAM policies, providing access to different AWS resources, design and refine the workflows used to grant access.  
• Created AWS Route53 to route traffic between different regions.  
• Automate creation and deletion of DEV and QA infrastructure using Terraform  
• Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.  
• Provisioned EC2 instances, configured auto scaling and defining cloud formation JSON templates using Ansible modules  
• Deployed and managed web applications and services into AWS by using Elastic Bean Stalk.  
• Managed servers on the Amazon Web Services (AWS) platform instances using Puppet, Chef Configuration management.  
• Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.  
• Deployed and designed pipelines through Azure data factory and debugged the process for errors.  
• Involved in creation of virtual machines and infrastructure in the Azure Cloud environment.  
• Worked directly with the Azure Product team in tracking and resolving defects in the beta Azure IaaS offering.  
• Created a Virtual Network on Windows Azure to connect all the servers.  
• Created Chef Automation tools and builds and do an overall process improvement to any manual processes.  
• Written Chef Cookbooks for various DB configurations to modularize and optimize end product configuration.  
• Converting production support scripts to Chef recipes. And AWS server provisioning using Chef Recipes.  
• Involved in writing Java API for Amazon Lambda to manage some of the AWS services.  
• Experience with Build Management Tools Ant and Maven for writing build.xml and Pom.xml.  
• Experienced in build and deployment of Java applications on to different environments such as QA, UAT and Production.  
• Automated the cloud deployments using chef, python (boto & fabric) and AWS Cloud Formation Templates  
• Used various Jenkins plugins like Git Plugin, cloud formation plugin, Puppet plugin, shared workspace plugin, parameterized build plugin etc.  
• Branching, Tagging, Release Activities on Version Control Tools: SVN, GitHub.  
• Worked on developing the backend part of the application involving Spring 3, JPA and Hibernate  
• Implemented unit testing framework driven using Junit and Cucumber.  
  
Environment: Amazon Web Services, IAM, S3, EC2, VPC, cloud watch, Nix, Azure, ANT, Maven, Tortoise SVN, GitHub, Chef, Puppet, Ansible, Terraform, Docker, Kubernetes, Java, Agile, Apache HTTPD, Apache Tomcat, JBoss, Junit, PowerShell, Jira, Cucumber, JSon, Bash, Perl.

### Project:2

* **Project : Aetna**
* **Client  : Aetna**
* **Role : DevOps Engineer**
* **Environment : Ansible, Aws, Git, Jenkins, Linux, Maven, Docker.**
* **Description**: Aetna is the brand name used for products and services provided by one or more of the Aetna group of subsidiary companies, including Aetna Life Insurance Company and its affiliates (Aetna) this is an American [managed health care](https://en.wikipedia.org/wiki/Managed_health_care) company that sells traditional and [consumer directed health care](https://en.wikipedia.org/wiki/Consumer_directed_health_care) insurance and related services, such as medical, pharmaceutical, dental, behavioural health, long-term care, and disability plans, primarily through employer-paid (fully or partly) insurance and benefit programs.
* **Roles & Responsibilities**
* Created release branches in GIT by GIT Administration including branching, reporting
* and assisting with project and end user support.
* Responsible for Continuous Integration and Build verification test for global OEM's.
* Developed build scripts using MAVEN and Ant as the build tools for the creation of build Artifacts like jar, war or ear files.
* Daily responsibilities include developing build scripts for the code integration,
* developing integration test using Python Robot test framework.
* Configured Tools like Paco, Perl, Cygwin, Pycharm, Conan, Cmake Softwares.
* Implemented SonarQube for code quality check and Nexus repository and integrated them into Jenkins to achieve Continuous Integration.
* Static code analysis Klocwork tool used to identify security, safety and reliability issues in C, C++, and Embedded.
* Experienced in Build, Deployment, and Configuration and Release management
* Worked on AWS services such as Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IP's, auto-scaling configuration, and Cloud Formation and OpsWorks.
* Experience in setting up the build and deployment automation for Terraform script by using Jenkins
* Responsible for implementation of scheduled Builds using Jenkins includes installation of Jenkins, Configuration of Jobs for automated Build and deployments.
* Executing the playbooks to Ansible server and managing those Playbooks.
* Monitor and fix the continuous integration builds running in Jenkins.
* Managing all phases of Build and Release activities and deployment
* Responsible for Creating, Deploying and Posting Patches, Automating Patch Build Process.
* Worked with Subversion, Proposed and implemented branching strategy.
* Installation and troubleshooting SVN related problems.
* Coordinating with developers and testers for SVN related issues.
* Automating builds using Jenkins and Ant scripting
* **Declaration:**
* I hereby declare that the above-furnished details are authentic to the best of my knowledge.

**MUNI**