Mahadev Garad

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Phone: +91 9765737360   **Senior DevOps Engineer**

Summary:

- Around **10 years** of experience in Configuration Management, Continuous Integration, Continuous Deployment, Release Management, Change Management and Cloud Implementations.
- Strong experience with CI/CD automation using **Jenkins, GitLab, AWS codepipeline**.
- Hands on experience in configuration management and automation tool like **Ansible.**
- Experience in provisioning, orchestration, packages, services, configuration and deployment using Ansible
- Strong experience of **infrastructure automation** using **Cloudformation, Terraform** and Ansible
- Deploying, managing, and operating **AWS** environments.
- Experience of automated/continuous build deploy and release processes using integrated tools in the CI/CD pipeline in **Jenkins** using **GitHub, Maven, Nexus, Sonarqube and Tomcat**.
- Automated CI/CD pipeline for Salesforce project
- Experience in using **Nexus** Repository for artifactory.
- Version control and source code management using the **GitHub** and **Bitbucket**.
- Experience in Branching, Merging, Tagging and maintaining the version across the environments using GIT on Linux platforms.
- Strong experience with **Docker** containers.
- Hands on experience in creating docker file to create custom images, maintaining Docker images/ containers for different technology stack.
- Experience of container Orchestration using **Kubernetes**
- Handling deployments of **Microservices** based product deployed over enterprise private clouds using CI/CD automation.
- Hands on experience on various **Linux** and **UNIX** operating systems.
- Experience in deploying **Java** applications and troubleshooting the build and deploy failures.
- Experience on developing and executing **Shell script**.
- Experience with **Apache/Tomcat** and expertise in making configuration changes.
- Simultaneously working on multiple Devops projects
- Managed environments **DEV, QA, Pre- prod** and **PROD** for various releases.
- Having good experience in **Agile** Devops Process.
- Self-motivated and I can easily adapt new technologies and tools.
- Ability to work in both independent and Team environments

Personal Certification :

AWS solution Architect Associate (12/2019 – 12/2022)
Validation Number: 9Y75DX4KFE1E1N3F
Azure Fundamentals (03/2020 – 03/2022)
Certification ID: H388-5501
ITIL Foundation Certificate (07/2015)
Cert. no. 5411470.20420953

Education:

- Bachelor of Engineering (Information Technology) with 73% from Sinhgad Academy of Engineering (2013) Pune Maharashtra

Technical Skills:

Continuous Integration	Build: - Maven, MSBuild SCM Tool: - GIT CI Server: - Jenkins Gitlab
Build Tools	Ant, Maven, MSBuild
Continuous Deployment	Jenkins/Ansible, CodeDeploy
Version Control/Repository	GitHub, Bitbucket, SVN,
Docker Orchestration	Docker-Compose, Docker Swarm, Kubernetes
Artifact Repository	Nexus
Code Scanning	SonarQube, PMD
Infrastructure as Code	CloudFormation, Terraform
Issue Tracking Tools	Jira
Database	MS SQL, MySQL
Operating System	Windows, CentOS, Ubuntu,Redhat
SDLC	Waterfall, Agile
Configuration Management Tools	Ansible
Cloud Services	AWS,GCP fundamentals, Azure Fundamentals
Application Servers	Tomcat
Web Servers	Apache
Scripting Languages	Shell Script, Bash, XML
Virtualization	VMware, Docker

Professional Experience:

IQVIA, Pune   **Sep 2021 – Till**
Sr. Devops Engineer

Key Responsibilities:

- **Designed CI/CD Architecture and implemented** it for Salesforce, Java, Dotnet applications
- Implemented CI/CD process using **Gitlab** for global development team, allowing for dozens of code updates per hour with zero downtime
- Used **Shell Script** to automate the Pipeline tasks
- Creating parameterized infrastructure as code for clients for easier deployment and scaling of infrastructure resulting in the redeployment of any environment
- Built and deployed **Docker containers** to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed
- Wrote **Ansible** playbooks to deploy, configure and manage servers.
- Reduced deployment time for critical agile project infrastructure from ~1 month to 2 days
- Managed GitHub repositories and permissions, including branching and tagging

Technologies: Linux, Gitlab, Shell Script, Maven, Docker, Anisble, Nexus, Sonarqube, PMD

Epam Systems, Pune   **Sep 2018 – Aug 2021**
Sr. Devops Engineer

Client: iPipeline, USA

Key Responsibilities:

- Designed and Developed AWS Solution architect for this project.
- Developed CodeBuild project for continuous integration.
- Setup end to end automation pipeline with Github, CodeCuild, Codepipeline, S3 and Cloudfomation.
- Used Cloudformation template for infrastracture as code
- Developed various templates for Devops CI/CD automation.
- Created IAM Role for AWS resources access.
- Used Spotfleet instances for data extraction process.
- Developed python Lambda function for smoother automation flow.

Technologies: Linux, Maven, MSBuild, VPC, CodeCommit, Github, CodeBuild, Codepipeline, Cloudformation, S3, Cloudwatch, DynamoDB,EC2

Zensar, Pune   **Apr 2018 – Aug 2018**

Devops Engineer

Client: DevOps Managed Services – Discovery, SA

<u>**Key Responsibilities:**</u>

- Writing **playbooks** and creating **Roles** for Scalability and Reusability in **Ansible**.
- Worked with development teams to understand capacity and performance requirements & Define a deployment solution using container orchestration tools to ensure scalable and highly available solution
- Implementation and support for DevOps tools running as a **docker** container in **Openshift** & **Kubernetes** environment.
- Implementation of CI/CD using Jenkins pipeline as a code.
- Support for **Jenkins master slave architecture**
- Provide application support and responsible for all environments.
- **Troubleshoot** and resolve issues within the Docker and kubernetes environment
- Interacting with Different teams for Release Managements
- Maintenance activity for Openshift/ Kubernetes cluster like control restart , rolling restart, pod scaling , volume mount , volume clean up
- Develop and maintain automated processes, tools, and documentation in support of Docker

Technologies: Linux, Maven, Jenkins, shell script, Openshift, Docker, Kubernetes, Ansible, AWS, Microservices

Devops Engineer

Client: Specialty Fashion Group Sydney.

Key Responsibilities:
- Defined and Implemented **CM** and **Release Management** Processes, Policies and Procedures.
- Deploy and monitor scalable infrastructure on Amazon web services (**AWS**).
- Written Simple **Ansible** YAML scripts to configure the servers.
- Configuring the **Docker** containers and creating docker files for different environments.
- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT** source control.
- Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Ant** and **Maven** to schedule the builds and automated the deployment on the application servers using the "code deploy" plugin for jenkins.
- **Continuous Delivery** is being enabled through **Deployment** into several environments of Test, QA, Stress and Production using **Jenkins**.
- Implemented **Continuous Integration and Continuous Deployment (CI/CD)** using Jenkin
- Automate the builds and deployment of **JAVA projects** using Maven and Jenkins.
- Implement, maintain and support reliable, timely and reproducible builds for project teams
- Hands on experience in automating builds and deployment process using Shell scripting.
- Created the VPC's, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created.
- Hands on experience in EC2, VPC, Subnets, Routing tables, Internet gateways, IAM, Route 53, VPC peering, S3, Security Groups on **AWS**.
- Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.

    Environment: CI/CD, AWS, Python, Jenkins, Ansible, Docker, Apache, MySQL, Ant, Git.

TCS iON, Pune   **Dec' 2013–Oct' 2014**
Client: Tata Consultancy Services.
Application Support Engineer

- Handled online assessment examination - GATE, IBPS, DTE, and RBI
- Created automated tools which increased the efficiency of the offshore deliverables.
- Providing user with the application access level as per their hierarchy into SFG.
- Troubleshooting and resolved application issues escalated from end users
- Complete root cause analysis of defects

    Environment: Apache tomcat, MS SQL Server 2008 and IP Scanner.