

SRIKANTH NALAMATI

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OBJECTIVE

Looking forward to a position as **DevOps Engineer** in a challenging working environment where there is possibility for perfection to strive harder with complete perseverance to reach the ambitions of the organization and personal aims too.

TECHNICAL EXPERTISE

- Experienced and Innovative **DevOps Engineer** with expertise in Software Configuration, Release Management, Building & Deploying Software. Automation, Control & Environment Management activities in Web & Enterprise Application
- Experience in **Shell Scripting & Linux Administration** Entry Level
- Well versed in maintaining the code base for each project using SCM tools like **GitHub** and **GitLab**
- Worked with **Java** based build tools **Maven** and having extensive knowledge in writing pom.xml respectively.
- Established Code Standards and Configuring Java based Quality Profile & Quality Gates in **SonarQube** Code Quality Analysis Tools as per client requirement
- Experience in working with **Nexus** Artifactory Repository Managers for Maven builds
- Experience in Configuring and Deploying applications in **Tomcat & Jboss/WildFly** application servers
- Experience in using **Apache** web servers for deployments and hosting
- Administration/Maintenance experiences in **CI/CD** tool like **Jenkins**
- Configured and maintained Jenkins to implement the CI/CD process and Integrated the tool with **Ant and Maven** to schedule the builds and automated the deployment on the application servers using various plugins in **Jenkins**
- Experience in managing project environments like **DEV, QA, UAT**, for various releases and designed instance strategies
- Hands on experience in Configuration Management tool **Ansible**, have written **Ansible Playbooks** in **yml/yaml** script to configure servers & deploying applications
- Working experience in **Docker** Containerization tool and deployed applications using containers in various environments
- Expertise in creating **Docker Images** and maintaining Docker Images in private artifactory repository **Nexus**

- Experience in **Amazon AWS** Cloud Administration which includes services like **EC2, S3, EBS, EFS, VPC, ELB, AMI, IAM, Auto Scaling** and **Security Groups**
- Experience in Setup/Managing **VPC** creating **Public & Private Subnets** connecting two different VPC using **VPC Peering**
- Experience in creating Amazon **AWS EFS** to mount a running **Docker Container** in order to take data backup
- Hands on experience in **Kubernetes** container orchestration tool

TECHNICAL SKILLS

Operating Systems	:	Linux (Red Hat 6/7), Ubuntu, CentOS
Scripting languages	:	Shell Scripting
Version Control Tool	:	Git
Build Tools	:	Ant and Maven
Artifactory Repository	:	Nexus
Code Quality Monitoring Tool	:	SonarQube
Application Server	:	Tomcat and Wildfly
CI/CD Tools	:	Jenkins
Configuration Management	:	Ansible
Containerization Tool	:	Docker
Container Orchestration Tool	:	Kubernetes
Ticketing Tool	:	Jira
Cloud Platform	:	AWS (EC2, EBS, EFS , S3, VPC)

WORKING EXPERIENCE

- ✓ Currently working as **Devops Engineer** in Microland private limited , Bangalore

PROJECT DETAILS

Role	DevOps Engineer
Period	July 2020 Till Date
Environment	Linux, Shell Scripting , Git, GitHub, Maven, Nexus, SonarQube ,Tomcat , Docker, Ansible, AWS

Roles & Responsibilities

- **DevOps Engineer** for a team that involved different development teams and multiple simultaneous software releases
- Developing and implementing software release management strategies for various applications according to the **Agile Methodology**
- Participating in weekly release meetings with technology stake holders to identify and mitigate potential risks associated with the releases
- Responsible for daily builds/deployments from Integration environment through staging environment
- Coordinating with Release Management regarding appropriate system releases among other development platforms
- Configuring and maintaining the source code management repository **GitHub**
- Managing Version Control **GIT** and automated current build process with Jenkins with proposed branching strategies to accommodate code in various testing cycles
- Configuring the **Maven** build tool for creating the war, jar files which are automated through **Jenkins CI** process
- Setting up **Maven** proxy repositories in **Nexus** artifactory repository to download dependency for the projects using Nexus proxy repository which is scheduled in **Jenkins** for continuous integration.
- Used **Maven** distribution management system to push created artifacts to snapshot and release repository
- Responsible to creating Maven and build scripts for Java EE application to produce the build artifacts (.jar, .ear and .war) files from the source code and tweak the scripts as per the requirements.

- Generating Project code quality HTML report by pushing the project code to **SonarQube** code quality monitoring tool
- Creating build and deployment jobs in **Jenkins** for various project modules
- Creating **CI/CD** pipelines scripts by integrating **GitHub, Maven, Jenkins** and more
- Administering **Jenkins CI/CD** build engine for deploying, configuring, managing, maintaining jobs as per project's requirements
- Configured automated builds like **Webhooks, Poll SCM** in **Jenkins** to meet project's build requirement
- Running environment based jobs by configuring **Jenkins Master-Slave** technique, which builds jobs in Slave machines and automates deployment in specific environments based on pipeline script
- Experience in **Tomcat** application server for deploying enterprise Java EE applications with its support and new features
- Configuring **Docker** with **Nexus** private repository to pull its images through docker proxy and pushing created docker images containing applications to docker hosted repository
- Creating **Docker images** embedded with (.jar, .war& .ear) applications with its hardware and software dependency
- Maintaining a backup of created **Docker Image** in **Nexus** private repository and deploying the containers in various environments using **docker-compose** feature
- Updating changes and deploying applications in deployment servers by using **Ansible** Configuration Management tool by using ansible **yml/yaml** script
- Working within the **AWS** Cloud for configuring a secure **VPC** by creating private and public subnets in AWS
- Configuring **VPC Peering** to share data's between different VPC to maintain data's using **AWS EFS**
- Configuring **Auto Scaling** policies to scale up/down **EC2** instances based on **ELB** health checks and created alarms to be used in auto scaling decision making policies

Place : Gangavathi

Date :

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