**V .INDHUMATHI**

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**Professional Summary**:

To obtain a position that offers challenge, growth, and career opportunity. A position in a results oriented company firm that seeks an ambitious and career conscious person, where acquired skills and education will be utilized toward continued growth and advancement.

**Core Qualifications:**

* 5.3 years of experience in DevOps platform (Infrastructure management, Version control management, Build management, Defect management, Continuous integration, Deployment)
* Experience in continuous integration technologies Bamboo and Jenkins. Designed and Good experience in Ansible in writing playbooks, roles and maintaining a vast inventory for managing all the configurations for all the components involved in the complete application life cycle.
* Experience in Vmware and AWS platform to create VM via esxi and instance and various services. Writing CFT for AWS and Migration activities.
* Experience in creating and managing kuber netes cluster using docker containers.
* Using AWS cloud Code Commit and Code Deploy to automate the continuous deployment for respective applications.
* Good experience in Software Configuration Management, Build/Release Management, Subversion, and GIT along with Shell and Bash scripting.
* Implemented multiple automation frameworks with DevOps tools.
* Interacting with DEV/QA team managers to meet tight deadlines.
* Extensive experience in scripting languages including Shell Scripting, and build automation using MAVEN.
* Software Configuration Management Support with Branching and Merging strategies, Version Control Systems, Integration Management, Build/Release Management.
* Extensive experience in build and deploy environment.
* Capable of handling multiple tasks and work effectively both in a group and as an individual to meet deadline

**Technical Skills:**

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| **Operating Systems** | Linux , Windows |
| **Version Control** | GIT, Bit bucket |
| **Build Tools** | Maven |
| **CI/CD Tools** | Jenkins |
| **Cloud Computing** | AWS, Azure Devops |
| **Tracking Tools** | JIRA, Confluence |
| **Scripting Languages** | Unix shell, Bash, YAML, Groovy, CFT |
| **Web Servers** | Apache , Tomcat |
| **Monitoring Tools** | Grafana, Nagios ,Kibana, |
| **Ticketing Tools** | BMC ,CA service Desk |
| **Micro Services** | Docker,Kubernetes |
| **CM Tools** | Ansible |
| **Databases** | MySQL, PGAdmin |
| **Repository Manager** | Nexus ,Artifactory |
| **Code Quality** | Sonarqube |

**Professional Experience:**

**Profile – I (Company: Virtusa software services pvt.ltd)**

* Duration: January 2016 – August 2018
* DevOps: Build and release engineer (SCM)
* Role: Associate engineer

**Responsibilities:**

* Coordinating in Continuous integration and Continuous deployment pipeline and Code analysis using Jenkins and Sonarqube
* Monitor build pipelines with a sense of ownership and purpose to maintain trust in the build systems.
* Architect, design and maintain automated build and deployment systems using Jenkins, Subversion, Maven and Nexus.
* Installed and configured Jenkins and created parameterized jobs to kick off builds for different environments.
* Responsible for GIT.
* Experience with CI tools (Jenkins, Hudson)Responsible for build and deployments in STAGE, PREVIEW and PROD environments.
* Experience in using Nexus Repository Managers for Maven builds.
* Administered and Implemented CI tools Hudson and Jenkins for automated builds migrated all projects from Gerrit, Harvest to Bitbucket.
* Support development, testing and production support teams (24\*7) from configuration, deployments, technical and environments support perspective.
* Written modules to install and configure Apache, Tomcat and JDK.
* Experience with Puppet. Configured Master and Agents in Puppet.
* Installed and configured GIT.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and also automated the whole process.
* Tracked all the changes in Remedy tracking tool and provided metrics reporting for the project release activities.
* Hosted a Git server using HTTP server and handled Harvest to Git migration.
* Used Ant and maven as a build tools for creation of the build artifact.
* Used Jenkins for continuous integration and deployed war in Apache tomcat.Configured Web Sphere deployments and managed them.
* Experience in working with ANT and Maven for build scripts
* Completed load balancing and proxying of systems servers and components.Monitored developed applications and fixed bugs.
* Work on ITIL concepts like (Incident management, Change management and Problem management)
* Incident management and problem management, join Bridge lines, provide timely updates, troubleshooting production issues, vendor engagement
* Manage the daily workload based on priorities and Maintain SLA's to provide quality services to end users.
* Document and create new knowledge base to provide the most effective solutions to application issues. Solutions can be new code development, defect fixes.
* Create and maintain documentation on the platform, such as platform details, playbooks, escalation procedures, and any other that becomes a necessity

**Profile – II (Company: Optimum info system pvt.ltd)**

* Duration: September 2018 – April2019
* DevOps: Build and release engineer (Big Data Hadoop – Enterprise business data management platform)
* Role: Software Developer

**Responsibilities:**

* Managed source code repository, build, and release configurations, processes, and tools to support daily development, test, and production build and software deployment operations.
* Working with an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using Ansible and Jenkins to get the job done.
* Designed and development suite of open source, cross platform tools like gitlab, Jenkins, Artificatory and rundeck,
* Worked on Monitoring systems Nagios and Splunk and repositories nexus and Artifactory
* Responsibilities include developing complex build, test, provision, secure and deployment systems and providing support to a large community of developers and testers.
* Automating the Build process using Bitbucket and Jenkins. Expertise in Repository Management tools such as Artifactory and Nexus.
* Experience in build automation using JENKINS DSL, MAVEN& ANT.
* Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools, and development and staging environments on Ansible.
* Built and Deployed Java/J2EE and big data projects to a web application server in an agile continuous integration environment and automated the whole process.
* Focused on automation integration monitoring and configuration management.
* Created automated build for Continuous Integration using Bitbucket for Integrated Environments.
* Work with our sustainment team to organize, plan, manage and execute new release.
* Automation the developed custom NIFI processors to check EOD markers and ingest data into HDFS.
* End to end testing of the (Jenkins CI/CD) Migration flow from UNIX based framework to Spark-Java based framework.
* Defined dependencies and plugins in Maven pom.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.
* Deployment and implementation of using Ansible and Rundeck.

**Profile – III(Company: Cognizant Solutions pvt.ltd)**

* Duration: May 2019 to April 2021
* DevOps: Automation Engineer
* Role: Senior Infra Developer ( Team Lead)

**Responsibilities:**

* EC2 server provisioning depends upon the user requirement.
* Providing access to all environmental machine via Ansible.
* Extensive experience in scripting languages including Shell Scripting, and build automation using MAVEN.
* Generated reports using SonarQube (Integration with Jenkins) which covers different areas of Code quality like potential bugs, code coverage, coding rules.
* Software Configuration Management Support with Branching and Merging strategies, Version Control Systems, Integration Management, Build/Release Management.
* Extensive experience in build and test environment.
* Deployment of application and the hot fixes via metrics UI integrated with Jenkins.
* Performance analysis and cost analysis of the migration from monolithic environment to kubernetes.
* Creation of various images in Docker on various flavors of Linux image upon the application requirement.
* Maintain all containers in the HA cluster on the top of Kubernetes.
* Infrastructure creation using terraform code in aws platform with client application.
* Continuous integration of code and driven in continuous deployment.
* Monitoring cluster activity and container load. Grafana and kibana for checking the chatbot services.
* Creating load balanced auto-scaled architecture for a multiple application modules.
* Creation of VPC depends upon the project requirement manually or by Terraform.
* Deploying load balancer on demand and also implements auto scaling.
* Deploying various pods and maintaining those via kubernetes.

**Education:**

* Bachelor Art and science and communication from Periyar University with an aggregate of 82%
* HSC from State board with an aggregate of 71%
* SSLC from matriculation with an aggregate of 65%

**Personal Information:**

* Date of Birth: 5th Jan 1994
* Gender : Female
* Marital status: Single
* Address: 8/1372 Sowndambigai nagar pooluvapatti (post) P.N. Road.Tirupur -641602.
* Nationality: Indian
* Passport Number: N0333895

**Declaration:**

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

Place:

Date: