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Career Objective

To pursue career in a progressive environment where my skills can be developed to their maximum potential to contribute to the overall success and growth of the organization.

Technical Skills

Version Control Tools	:	Git, Bit Bucket
Build Management Tools	:	Ant, Maven
Continuous Integration Tools	:	Jenkins
Configuration Management	:	Ansible
Monitoring Tool	:	Nagios
Orchestration Tools	:	Docker, Docker Swarm, Kubernetes
Operating Systems	:	Ubuntu, Windows, Linux
Web/Application Servers	:	Apache Tomcat, Nginx
Infra As a Code	:	Terraform
Cloud Platforms	:	Azure DevOps, AWS, GCP (Kubernetes Engine)
Scripting Languages	:	Shell Scripting, Python Docker Automation

Profile Summary

- Having 4.2 years of IT experience as Devops Engineer and Software Configuration activities and deployment activities for web-based software applications.
- Proven experience on create Branching and Tagging concepts in Version Control tool like GIT.
- Proven experience on Build Tools like Maven.
- Experience on building and deploying Java web applications in Apache Tomcat.
- Good experience in automating build process using Jenkins tools
- Proven experience on Jenkins CI tool- Configured Jobs for builds.
- Creating Azure pipelines & release pipelines for CI& CD.
- Experience in working with Amazon Web Services (AWS), Creating EC2 Instances and configuring all web Services like EC2, S3 bucket, ELB, IAM through AWS Console.
- Worked on Dockers Including Docker Installation, Creating Images and Containers.
- Expertise in creating DevOps strategy in a mix environment of Linux (RHEL, CENTOS,) servers along with Amazon Web Services.
- Creating, deleting the users, directories partitions, giving the permissions in Linux.

- Analysing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
- Proven experience on continuous Build and Deployments to multiple environments like Dev, QA, UAT, PROD & DR.
- Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
- Familiar with Software Development Life Cycle (SDLC) processes.
- Well Exposed in Build and Release Systems for Web-Based software systems.
- Responsible for Creating and maintaining builds and Administering Jenkins and Involved in Deployment related activities.
- Experience in setting up released based CI jobs based on branches, and environment specific job configurations.
- Worked in the Implementation of a POC in Kubernetes (Voting Application) for the client.

Education

Name of Course	Year of Passing	Percentage of marks (%)	Institution Name/University
B. Tech (ECE)	2012-2016	77	Sree Vidyanikethan Engineering College/JNTU

Professional Experience

Version 1 Services Pvt Ltd – **Senior Azure DevOps Engineer.**   **Mar 2021 - Present**

Project Name: TAQA
Role: Senior Azure DevOps Engineer
Environment: Azure Migration, Azure Pipelines, Terraform, Azure App Insights
Description:
  This is the consumer division of financial services multinational group. It mainly works on the Insurance domain.

Responsibilities:
- Created the Pipelines for provisioning the Infra structure using the Terraform.
- Responsible for taking the source code and compiling using ANT and Maven.
- Creating package into distributable format, such as a Jar, War, and Ear using Maven.
- Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build form.
- Installed required Jenkins's plug-ins & created and maintained Jenkins Jobs.
- Migrated applications from OnPrem to Azure using Azure Migrate service.

Value Momentum Software Services - DevOps Engineer. Mar 2020 – Mar 2021
Project Name: Hiscox
Role: DevOps Support Engineer
Environment: AWS, Azure Pipelines, Git, Ansible, Terraform, Docker, Jenkins, Maven, JIRA.
Description:
   This is the consumer division of financial services multinational group. It mainly works on the Insurance domain.

Responsibilities:

- Handled multiple builds from Development team, create build jobs in Azure Devops and perform deployment activities.
- Automate the build process using Azure Devops jobs.

- Worked on Installation of Ansible and setting up the connection between the slaves and master nodes.
- Written Ansible playbooks for installation of software's and performing update operations and starting, stopping & restarting the services using Ansible modules
- Creating Azure pipelines & release pipelines for creating the Infra in AWS using Terraform Code.
- Worked on Dockers Including Docker Installation, Creating Images and Containers.

Virtusa Consulting Services Pvt Ltd - DevOps Engineer. Dec 2017 – Mar 2020
Project Name: First Data /SCM DevOps
Role: DevOps Support Engineer
Environment: AWS, Azure Pipelines, Git, Ansible, Terraform, Docker, Jenkins, Maven, JIRA.
Description:
   This is the consumer division of financial services multinational group. It provides Health Care & Banking services including Mobile applications, Net banking and online transactional basis.

Responsibilities:
- Creating repositories, branches, new users for BITBUCKET and give the permissions to users to access repository.
- Helping users on Day-to-Day activities involving Check In, Check Out, resolving conflicts.
- Responsible for taking the source code and compiling using ANT and Maven.
- Creating package into distributable format, such as a Jar, War, and Ear using Maven.
- Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build form.
- Automate the build Process Using Jenkins jobs. Used Jenkins for continuous integration Build process.
- Installed required Jenkins's plug-ins & created and maintained Jenkins Jobs.

- Monitored builds and provided proactive support to resolve any build issues.
- Performed Deployment of War files in Tomcat application servers using Jenkins.
- Upload Build artifacts into the Nexus repository.
- Hands on experience in installing and administrating CI tools like Jenkins and GIT, Environments: Linux, Jenkins, Docker, GIT, Tomcat Server, Apache Server, AWS Guidelines and published the reports.
- Used JIRA as Issue Tracking Tool.

Project Name: Kubernetes Voting Application (POC)
Client: Value Momentum (In-house)
Role: Associate Engineer
Environment: **Google Cloud Platform**
Description:

POC (**Proof of Concept**) Virtusa's training platform to work on real time scenarios. Got trained on Kubernetes clusters, nodes, and Pods for period of 3 months and solved various production related issues.

Responsibilities:
- Created python-based application and it will ask to cast our vote and it will be stored in an IN-Memory Database (Redis) from where it will be passed to a .Net based application which filters and analyses the data that should be stored permanent DB created using Postgres and from here Results will be passed to an application created using Node.js.

Strengths

- Well-disciplined and dedicated.
- Ability to work as an individual and also in a team.
- Quick Learner, Flexibility, and ability to adapt to new technologies.

Appreciation

- Got "**PIRL**" award at Virtusa for 2018 Q2.
- Got "**Best Dream Team– 2021**" from the Version1 R&R (Rewards& Recognition) team.

Declaration:

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

Date: **(JAYASIMHA REDDY)**