**Srilekha Karanam**

Designation: Consultant

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**Summary:**

* IT Professional with 3.5 years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continues Integration, Continues Deployment, and Continues monitoring using Automation Tools.
* Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Git, Jenkins, Ansible, Docker, Terraform, Windows & Linux etc.
* Experience in branching, tagging and maintaining the version across the environments working on Source code Management (SCM) tools like GIT, Git hub, Git Lab.
* Experience on Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using GIT
* Extensive experience with software Build automation and standardization tools like Maven.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment / release methodology, and application configurations.
* Experienced with Continuous Integration / Continuous Deployment Tools as Jenkins strong experience with Maven Build Frameworks.
* Hands on experience in creating Ansible Tasks, playbooks for Application deployment automation.
* Having good knowledge on writing playbooks in Ansible and configuring Ansible roles with Jenkins.
* Experience in building and deploying Java applications and troubleshooting the build and deploy failures.
* Experience working on several Docker components like Docker Engine.
* Continuously updating documentation for internal knowledge base of support team and IT team.
* Experience with monitoring tool Amazon Cloud watch.
* Having an idea on cloud formation for provisioning AWS Services.

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| * Expertise in Amazon AWS Cloud experience includes services like: EC2, S3, VPC, ELB, AMI, SNS, RDS, IAM, Cloud Watch, CODEPIPELINE, Security Groups etc. * Taking the backup of S3 and attaching the EBS to instance. * Creating Job templates on the Ansible Tower as per the requirement * Closely worked with development, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.   **Educational Details:**    Bachelor of science from VSR&AM Degree college Martur in 2019 .    **Professional Experience:**   * Working as an Software Engineer With NTT Data, Bangalore from July-2019 to May-2022. * Working as an consultant with Genpact, Hyderabad from June 2022- till date.       **Technical Skills:** | | |
|  | Version Control Tools | Git, GitHub, |
| Build Tools | Maven |
| Continuous Integration | Jenkins |
| Containerization | Docker |
| Configuration Management | Ansible , Ansible Tower |
| Operating System | Linux, RHEL, Ubuntu & Cent-OS. |
| Cloud Technologies | Amazon Web Services, |
| Monitoring | Amazon Cloud Watch |
| Ticketing Tool | JIRA, ADO Dashboard |
| Infrastructure as a Code | Terraform |
| **PROJECTS:**  **Project1**  Client : Hertz  Environment : Git, Maven, Apache Tomcat, Jenkins, Ansible, Docker, LINUX.  Duration : Jan 2020 to Sep 2021.  Role : DevOps Engineer | |

Description:

Hertz Corporation is a subsidiary of Hertz Global Holdings Inc., is an American car rental company based in Estero, Florida that operates 9700 international corporate and franchisee locations.

As the second largest US car rental company by sales, locations and fleet size. Hertz operates in 150 countries, including North America, Europe, Latin America, Africa, Asia, Australia, The Caribbean, the Middle East, and New Zealand. The Hertz Corporation owns Dollar and Thrifty Automotive Group. Which separates into thrifty car Rental and Dollar Rent A car.

**Job Responsibilities:**

Creating CI/CD pipelines by integrating Git, Git Hub, ant, maven, Jenkins, Ansible, and AWS.

Creating continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and AWS code deployment for various deployment scenarios like Tomcat deployment, Multiple applications deployment.

Working for DevOps Platform team responsible for specialization areas related to Ansible for Cloud Automation.

Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.

Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Ansible, and custom Bash scripts.

Managed and optimize the CI (Continuous Integration) tools like Jenkins.

Install, Configure, Administer Jenkins Continuous Integration Tool

Written Ansible Playbooks for various DB configurations to modularize and optimize end product configuration.

Implemented Ansible tasks for Deployment on build on internal Data Centre Servers.

Setup Ansible playbooks to perform builds and deployment management.

Automate Continuous Build and Deploy Scripts for Jenkins Continuous Integration tool.

Creating Kubernetes clusters and adding worker node to master node Scaling up the pods and scaling down the pods.

Provide stable build environments for product development.

Branching, Tagging, Release Activities on Version Control Tools: GIT.

Worked on Administration, maintenance and support of Linux servers like Redhat and Ubuntu.

Scripting & automating tasks using shell scripting for backup.

Implemented Nagios monitoring solution for mission critical servers.

Continuously updating documentation for internal knowledge base of support team and IT team.

**Project: - 2**

Client : ICargo.

Environment : Git, LINUX, Docker, Ansible, Terraform, TOMCAT, Jenkins .

Duration : Aug 2021 to May 2022

Role : Build Release Engineer Description:

ICargo is a new generation Cargo Management System which can be used as an end-to-end logistics solution for the rapidly expanding global air cargo industry. The iCargo initiative incorporates industry best practices and provides a well-balanced solution that suits requirements all the way from the shipper to the consignee. ICargo starts with shipper booking shipment to send it to consignee in air and ends with consignee receiving the shipment. ICargo is responsible to manage this shipment and flight capacity details until shipment reaches to the destination.

**Job Responsibilities:**

Maintaining the source code in GIT for various applications.

Configure and maintain code base to support the Build and Deployment of code on servers.

Develop and enhance current tool to suite ongoing need to support the Build and configuration of releases of all product team.

Developing the utility scripts to effectively reduce the time and manual effort.

Perform administrator activities for the GIT and maintain access control smooth and functioning.

Automating the regular tasks in GitHub and streamlining the process of access to Git hub.

Managed Git hub, GitLab branching, merging and tagging to facilitate defect/change management in conjunction within projects across the organization.

Automate Continuous Build and Deploy Scripts for Jenkins Continuous Integration tool.

Maintaining the process document of Day t`o Day activities and keeping it at central location.

Support Lead developers with Configuration Management issues.

Managed all the bugs and changes into a production environment using the service now tracking tool.

Worked on Administration, maintenance and support of Linux servers.

Extensive Knowledge in writing Ansible Playbooks & Configured Ansible roles with Jenkins.

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