Devops And Aws Engineer

J. SURESH KUMAR
Mobile: +91- 9550529697
Email: suresh047.devops@gmail.com

Objective:

To secure a challenging position where I can effectively contribute my skills & expand my knowledge for the dynamic growth of organization. Well versed in software production, development life-cycle and release of software products. Looking for a responsible position as a Devops Engineer in an established IT firm with 3 years of experience on DevOps Engineer activities.

Summary:

IT Professional with 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, Continuous Integration, Continuous Deployment, and Continuous monitoring using Automation Tools.

Professional Summary:

- Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes **Amazon Web Service(AWS), Ansible, Jenkins, Git, Maven, Docker** etc.
- Used **Ansible** and writing Playbooks to deploy web applications, application servers and vendor applications.
- Installed and maintained the **GIT** repositories.
- Trained development teams on **GIT** usage and best practices.
- Administering Jenkins and secured Jenkins with role based access controls .
- Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [Example: Git, Ansible, Maven, Jenkins, Apache Tomcat.]
- Good working knowledge in **CI & CD** and building a pipeline using **Jenkins.**
- Have hands-on knowledge with **Ansible** and writing Playbooks.
- Excellent working knowledge on virtual system like **Docker**.
- Experience in configuring and updating the servers using configuration management tools like **Ansible,** and Experience in Containerization tool like **Docker.**
- Good understanding in **ECS** (EC2 Container Service) for cluster management.
- Good knowledge in Auto-scaling and load balancing concepts.
- Have knowledge in setup and configuring Monitoring tool.
- Have knowledge in Log Monitoring tools like Elastic Stalk.
- Experience at defining Ansible Server and workstation to manage and configure nodes.
- Experience in **branching, tagging** and **maintaining** the version across the environments working on Software Configuration Management **GIT**.
- Excellent analytical, coordination, and communication skills.

Educational Qualifications:

- **Bachelor of Technology (B. Tech)** in Electrical & Electronics Engineering from Kakatiya Universityin 2014 with an aggregate of 72.03%.

Professional Experience:

- Working as a Software Engineer for INFINITE COMPUTER SOLUTIONS , Bangalore from September 2019 To Till.

- Worked as a Devops Engineer for HSBC, Bangalore from January 2017 to August 2019 .
- Worked as a System Administrator for Wipro, Pune from January 2015 to December 2016.

Technical Skills:

Version Control Tools	Git, GitHub, Subversion
Build Tools	Maven
Continuous Integration	Jenkins
Containerization	Docker, Kubernetes
Configuration Management	Ansible
Scripting Languages	PowerShell, Python And Shell Scripting
Operating System	Linux, Ubuntu & CentOs Windows
Cloud Technologies	AWS,Azure
Monitoring	Cloud Watch

PROJECTS:

Software Engineer:-

Client: COH.
Role: Software Engineer.
Environment: Jenkins,GIT,Maven,Linux,Shell,Apache Tomcat,Azure,Docker,Kubernetes,Nagios.

Roles and Responsibilities:

- Driving industry best practice implementation around CI/CD and infrastructure management.
- Written manifests to customize the Ansible as per our environment.
- Manage the configurations of multiple servers using Ansible.
- Integrated the Ansible playbooks with Jenkins.
- Having good exposure in Jenkins for CI (Continuous Integration).
- Administered version control system that included branching and merging .
- Responsible for creating and developing the build process environment.

Devops Engineer:-

Client: HSBC.
Role: Devops Engineer.
Environment: Jenkins,GIT,Maven,Linux,Shell,Apache Tomcat,AWS.

Roles and Responsibilities:

- Manage the configurations of multiple servers using Ansible.
- Integrated the Ansible playbooks with Jenkins.
- Having good exposure in Jenkins for CI (Continuous Integration).
- Administered version control system that included branching and merging .
- Responsible for creating and developing the build process environment.
- Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, RDS,Route53, IAM, Elastic Search.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Hands-on in writing the Docker files for building images.
- Containerizing applications with Docker and Kubernetes. Responsible for managing the Docker private registry.Participate in building the DevOps Platform with DevOps tools and high end scripting languages like Ansible..
- Developing build and deployment pipelines using Jenkins, Maven for Java applications
- Strong working knowledge on GIT, SVN.
- Configuration management software like Ansible. Performed infra automation tasks using Ansible.
- Experience in build management and continuous integration tools. (Jenkins)

System Administrator:-

Project	:	Integrated Customer Platform (ICP)
Platforms	:	Windows 7, 8, Linux
Technology	:	GIT, Jenkins, Maven, AWS.
Database	:	SQL Server, MySQL
Role	:	System Administrator

Roles and Responsibilities:

- User management (creating users, assigning permissions)
- Security Management(assigning file/directory permissions)
- Controlling Access to files with Linux file System Permissions
- Controlling Access to Files with Access Control lists(ACL's)
- Processes administration and Management like monitoring, start/stop/killvarious processes.
- Monitoring system resources, logs, disk usage, scheduling andmonitoring backups and restore.
- Monitoring the Servers performance using with performance monitoringtools like top and ps etc.
- Scheduling jobs using CRONJAB
- Configuration of Remote Access utilities, providing user access controlon services like telnet,ftp and ssh.
- Adding Disks, Partitions, Swap space management and FileSystem.
- LVM and logical volume creating, size extending & reducing.
- Daemon & Process Management (Stopping, Starting, refreshing).

J.Suresh kumar