MEKALA SURENDAR

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Experience Summary:

- Having **12.3** years of hands on involvement in IT industry comprising of LINUX, System Administration, SCM, Build, Deployment and Release Management, Software advancement environment set up and **DevOps** automation engineering with AWS Cloud Implementations.
- Provide assistance to clients with the implementation of configuration management, release management and process creation.

- Experienced in planning, installation and administration of GIT on Linux and Windows platforms.
- Have Good Working experience on Linux, Windows platform
- Experience in migrating applications/repositories from SVN environment.
- Proficiency in SCM techniques – branching, merging, controlling and monitoring code changes
- Experience on build Tool Maven
- Good experience on Build Tool Ant and CI Tools like Jenkins.
- Knowledge on Ant.
- Good experience on ANSIBLE.
- Managing DATA center Inbound and outbound services working on Ansible automation tool.
- Good experience on Apache Tomcat.
- Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures, if any.
- Work with AWS cloud management and Ansible Automation.
- Integrated Jenkins.Rundeck and Ansible Designed and developed Jenkins Build deployments.
- Implemented a CI/CD pipeline involving Jenkins, Ansible, AWS to complete the Automation from commit to Deployment.
- Extensively Implemented Continuous Integration and deployment using various Continuous Integration tools like Jenkins
- Experience in overseeing applications using Amazon AWS Cloud which incorporates services like: EC2, S3, EBS, VPC, ELB, AMI, IAM,SNS LAMBDA, Auto Scaling and Cloud watch.
- Excellent problem solving, analytical, communication skills and able to effectively manage time and prioritize multiple projects.
- Excellent communication, presentation, project management skills, a very good team player and self-starter with the ability to work independently as well as part of a team.
- Good debugging, root cause analysis and problem-solving skills Customer focused, organized, detail oriented with the ability to meet deadlines.
- Good experience on Docker and Kubernetes.

Previous Experience:

- ➤ Worked as a office Assistant for systems in shriram chits pvt Ltd in the Year 10th July 2010 to 31st July 2014.
- ➤ Worked as a system Administrator in Magna InfoTech (Quess corp limited)From 20th Oct 2014 to 14 Dec 2018 (Client: Wipro Limited)
- ➤ Currently working as a DevOps Engineer in **Spring source Technologies Pvt LTD** from DEC 17-2018 to 24th Feb 2023.

Educational Summary:

- ➤ B.sc Degree from Osmania University (2006)
- ➤ INTER : Board of Intermediate-Bi.p.c(2003)
- ➤ SSC: Board of Secondary Education (2001)

Technical Skill Sets:

- ▪ Configuration Management (SCM) Tool   : GIT
- ▪ Servers   : Tomcat, WebSphere
- ▪ Operating Systems   : Linux, Windows.
- ▪ DevOps Tools   : GIT, Docker, Ansible, Jenkins,Chef & Kubernetes.Terraform.
- ▪ AWS (Cloud)   : EC2, Cloud Watch, Elastic Load Balancer, Auto Scaling.
- ▪ Build Tools   : Maven
- ▪ Continuous Integration (CI) Tools   : Jenkins
- ▪ Virtualization   : VMware and Oracle Virtual Box

Project Summary:-

#Project 1:
Designation   **:** Software Engineer
Client   **:** Walt Disney
Environment : Linux, Apache, AWS, Maven, Ant, Junit, Jenkins,Maven,Artifactory
Description:
Walt Disney, in full Walter Elias Disney, (born December 5, 1901, Chicago, Illinois, U.S.—died December 15, 1966, Los Angeles, California, American motion-picture and television producer and showman, famous as a pioneer of animated cartoon films and as the creator of such cartoon characters as Mickey Mouse and Donald Duck. He also planned and built Disneyland, a huge amusement park that opened near Los Angeles in 1955, and before his death, he had begun building a second such park, Walt Disney World, near Orlando, Florida.
Responsibilities:

- ● Responsibilities Supported Linux Servers in Production/QA/Development Environment.
- ● Experienced on patches installation, patch upgrades and packages installation on Redhat Servers by using RPM & YUM.
- ● Involving switch configurations by giving console to respective teams.
- ● Network printer installations and printer configurations in local machines.

- Monitoring the health and stability of Linux and Windows System environments.
- Diagnosed and resolved problems associated with DNS, DHCP, VPN, NFS, and Apache
- Configuring and Maintaining the Disk Quotas and ACLs (Access Control Lists) for users.
- Configuring the LVM (Logical Volume Manager) and extended the logical volumes online.
- Creating and Managing the File Systems.

- Having experience on automation concepts like shell scripting and capable of preparing scripts from project perspective.
- Monitoring environment with Nagios
- Install and configure Maven, Ant Build tools with Jenkins.
- Responsible for creating, modifying and deleting users, groups and assigning the permissions to users and groups.
- Application server management and Tuning of Databases.
- Installation and configurations of DHCP and DNS Servers.
- Having experience in Hardware maintenance, replacement of the server, Upgrade of Kernel & OS, Server migration and Virtualization.
- Using IPAM administration of DNS and DHCP.
- Helping developers to setup Build and Release environment, which will include Maven, Ant, Gradle setup.
- Providing support for applications deployment – Apache.
- Incident and Change Management of application servers.
- Involved in Deployment of the application using **Tomcat &WebSphere servers**
- Maintaining and ensuring stringent adherence to quality standards, norms & practices, identifying gaps and taking corrective administrative actions.
- Patch Management of Linux servers and compliance Management.
- Worked on AWS Cloud Formation templates to create custom-sized VPC, subnets, EC2 instances, ELB, security groups.
- Worked on tagging standard for proper identification and ownership of EC2 instances and other AWS Services like Cloud front, Cloud Watch, RDS, ELB, EBS, S3, Route53, IAM.
- Setup and build AWS infrastructure various resources, VPC, EC2, S3, IAM, EBS,
- Implemented local user provisioning instances created in AWS cloud.
- Developed Templates for AWS infrastructure as a code using Cloud formation

#Project 2:-

Client Name   :   General Electric
Tools   :   GIT, Maven, Jenkins, Docker, AWS

Environment: AWS EC2, ELB, S3, Cloud watch, VPC, IAM, R53, Linux, Load balancer, Auto scaling, Ansible, GIT, Maven, Jenkins and Nagios.

Description:

General Electric Company (GE) is an American multinational conglomerate incorporated in New York and headquartered in Boston, Massachusetts. As of 2018, the company operates through the following segments: aviation, healthcare, power, renewable energy, digital, additive manufacturing, venture capital and finance, lighting, transportation, and oil and gas.

Responsibilities:

- ✓ Installation and Configuration of Jenkins for Continuous Integration

- ✓ CI,CD Implementation

- ✓ Installation, branching and merging of source code in GIT

- ✓ Build through Maven

- ✓ Working experience in using **multiple plugins**

- ✓ Experience in maintaining the **CI with Jenkins**
- ✓ Very good hands on experience on **EC2** like creating and managing instances of all types
- ✓ Experience in providing operations and maintenance support for AWS cloud resources such as launching, maintaining, and troubleshooting EC2 instances, S3 buckets, Virtual Private Clouds (VPC), Elastic Load Balancers (ELB), Relational Database Services (RDS), Backups, Route53, Cloud Watch and IAM.
- ✓ Monitoring all cloud services by using **Cloud Watch**.

- ✓ Creating Elastic Load Balancer and attaching instances to that **ELB**.

- ✓ Having very good experience on configuring **Auto Scaling groups** and setting **policies**
- ✓ Installation and Configuration of Jenkins for Continuous Integration.

Personal Skills & Strengths:

- ➢ Hard Working, Self-motivated and Quick learner and easily adapts to situation.
- ➢ Organizational experience.