**Anupama Soma**

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**PROFESSIONAL SUMMARY:**

* IT professional Over 4+ years of industry experience in the IT field with expertise in areas of Software Configuration Management, Build and Release management, Linux System Administration, as well as providing Technical Solution Assistance.
* Good working experience in **Devops** tools such as **Kubernetes, Terraform, Python**, **Dockers, Jenkins (CI-CD), Ansible, Docker, GitHub, Go-Lang, SVN.**
* Have experience in **Cloud Computing**, **Build** and **Release**, **DevOps, Linux and AWS** involving extensive work towards code compilation, packaging, building, debugging, automating, managing, and deploying code across multiple environments and Linux.
* Having good exposure on Kubernetes to auto-scaling and load balancing the servers in order to make the servers up and running all the times.
* Have experience in creating Docker images using Docker file and map them with the ports and volumes based on the project needs.
* Created Docker containers for testing environments using docker images.
* Have experience in Configuring Management Tools like Ansible and have knowledge in creating the playbooks and manifest files for configuring the environments.
* Have experience in Continuous Integration tool like Jenkins on these aspects such as User administration, Node Management/creation, Plugin Management, Job configuration/Management, CI/CD Pipeline Creating/Management, configuring email Alerts, etc.
* Have experience in version control tools like GIT and SVN by managing branches, merging codes across branches, user access and integrating them with CI tools for the nightly builds.
* Responsible for design and maintenance of the Subversion/GIT.
* Regular Build jobs are initiated using the Continuous Integration tool with Jenkins.
* Performed regular installation of patches using RPM and YUM.
* Installed and configured APACHE Tomcat Web Server.
* Remotely coping files using SCP.
* Build servers in cloud based and physical infrastructure.
* Ensuring the servers to sustain the load by configuring load balance & Auto scaling.
* Closely working with the Dev & QA teams.
* Scheduling the jobs on basis of daily/weekly/fortnightly/monthly by using cronjobs.
* Experience in gathering and analyzing of Business Requirements. Working with different stakeholders like Business Analyst, Users and development team to review requirements and ensure that test requirements are correct and complete.
* Experience in Agile SCRUM Methodology.
* Ability to adapt to newer technologies quickly and efficiently.

**Aws Roles and Responsibilities:**

* + - * Understand client requirements, propose solutions and ensure delivery.
			* Bundle Instances – EBS & Instance store based, Snapshot of EBS.
			* Experience of designing and developing comprehensive Cloud Computing solutions on the AWS platform.
			* Experience with EC2 Auto Scaling, EBS, S3, ELB, RDS, Cloud Front, Cloud Watch, Dynamo DB and other AWS Services.
			* AWS monitoring, queuing & notification.
			* Architecture design with scalability and performance as primary objective.
			* Implementing AWS Infrastructure services (IAAS) like EC2, VPC, ELB, EBS, S3, SES, RDS, and Cloud Front.
			* Knowledge of Cloud Computing Architectures, Networking Topologies and Clustering techniques.
			* Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic Ips.
			* Monitoring health of Amazon EC2 instances and other AWS services.
			* User management e.g. creating and managing users in IAM, S3 etc.
			* Help customers build scalable, high-performance applications and services on AWS.
			* Designing Auto scaling architectures for applications.
			* Develop/capture/document architectural best practices for building systems on AWS.
			* Custom monitoring metrics/analysis/alarms via CloudWatch.

**TECHNICAL SKILLS:**

Devops : Jenkins, GitHub, Maven, Ansible, Docker, Kubernetes.

Cloud : AWS Identity and Security, EC2, ELB, EBS, EFS, S3, Rout53.

OS : Windows, UNIX, LINUX.

Defect Tracking Tools : Jira, Sales force.

Database and Tools : Oracle, MySQL, SQL.

Language : Go-lang

Scripting Languages : HTML, XML, Linux, and Python.

 **Certifications:**

* Certified Kubernetes Administrator.
* AWS Solution architect associate.

**WORK EXPERIENCE:**

* Working in **IMI Mobile**, Hyderabad from Sep 2019 to till date.
* Worked with **Acumen Cyber Soft Pvt Ltd**, Hyderabad from Jan 2016 to Aug 2019.

**ACADEMICS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification**  | **University/ Board**  | **Year of Passing**  | **Percentage/ CPI**  |
| M-Tech in computerScience engineering | SVS Group of Institutions | Nov 2015 | 79.8% |
| B-Tech in Computer Engineering  | Vaagdevi college of Engineering | June 2013 | 78.9%  |
| 12th  | SR Junior College | May 2009 | 94%  |
| 10th  | Unique High School  | April 2007 | 88 %  |

**PROJECTS HANDLED:**

**Project#1:**

**Client: Imi Mobile**

**Role** : Devops Engineer

**Environment :** Jenkins, UNIX, Linux, Docker, AWS, Git, Git Lab, Maven, Kubernetes, ANT, JIRA and Apache Tomcat.

**Description:**

IMI Campaign is trusted with the deployment of millions of cross-channel communications. The platform's mobile-first capabilities optimize campaigns for the Smartphone, with enterprises using SMS, mobile push, MMS, and mobile responsive email, to maximize performance throughout the customer lifecycle.

**Project#2:**

**Client** : **Renew Financial.inc**

**Role** : Devops Engineer

**Environment :** Jenkins, UNIX, Linux, Docker, AWS, Git, JIRA and Apache Tomcat.

**Description:** Renew financial is warehouse project It was founded in 2008 by Cisco DeVries, who brought together a multidisciplinary team of experts in finance, technology, operations and government policy to innovate the Property Assessed Clean Energy (PACE) financing model.

**Role: Devops Engineer**

**Responsibilities:**

* Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to engineering team.
* Work closely with development teams to integrate their projects into the AWS environment and ensure their ongoing support.
* Converted and automated builds using Maven and Scheduled automated nightly builds using Jenkins.
* Hands on experience on Docker machine using drivers AWS and VirtualBox.
* Created Docker Stacks to deploy and scale applications.
* Written Ansible Playbooks to provision several pre-production environments and several proprietary middleware installations
* Worked with developers for resolving runtime failures troubleshoot Build and Deployment Issues, with minimal downtime.
* Worked on Docker container snapshots, attaching to a running container, managing containers, removing images and managing directory structures.
* Managed GitHub repositories and permissions, including branching and tagging
* Automated CI/CD process using Jenkins, build-pipeline plug-in.
* Created and applied Baselines and Labels for each Build Artifacts.
* 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.
* Launched and configured The Amazon EC2 (AWS) Cloud Servers using AMI’s (Linux/Ubuntu) and configuring the servers for specified applications.
* Performed merges for each build from Development Branch to Integration Branch.
* Created the Release Management plan with the implementation schedule.

**Environment:** AWS (Amazon Web Services), Linux, GIT, Docker, Ansible, Jenkins, UbuntuOS, Python.

**PERSONAL PROFILE**

* **DOB:** 17-6-1992
* **Marital Status: Married.**