**Suresh Babu**

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# Career Objective: -

* IT Professional with 6.5 years of experience in software development skilled at operating in a wide range of platforms DevOpsEngineer, Build and Release Engineer using AWS cloud in Linux Environment.

**Professional Credentials &Abilities: -**

* Good Experience in Amazon Web Services (AWS).
* Experienced with AWS Cloud platform and its features, which includes EC2, S3, Route 53 VPC, EBS, AMI, SNS, RDS, and Cloud Watch.
* Setup/Managing VPC, Subnets make connection between different zones.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS.
* Creating and Managing AMIs/Snapshots and Volumes upgrade/Downgrade AWS Resources CPU, Memory, EBS.
* exposure to ETL tools like Talend, Glue, Lambda and program language like Python
* ETL workflow management preferably AWS DMS (DataBase Migration Services)
* Experience in Schema Conversion Tool
* Experience in non-relational databases – DynamoDB, Mongo, etc.
* Experience in MPP data warehouse solutions – Redshift, Greenplum.
* Server's, Domain's and Database's migration on Amazon Web Services.
* Configuring topics for email and SMS in AWS simple notification services.
* Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling.
* Installed and Setup Web Servers ( Apache and Tomcat ), DB Server ( MySQL)
* Used the AWS-CLI to suspend an AWS Lambda function. Used AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS.
* Created alarms in Cloud watch service for monitoring the server performance.
* Good knowledge with cloud formation like terraform.
* Installing Red hat Linux flavor OS, Configuring and binding system with domain.
* RPM package management, installing, upgrading and removing.
* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using Logical Volume Manager LVM.
* Created and modified users and groups with SUDO permission.
* Creating users and providing them with suitable permissions.
* Installation of package in Linux system using yum, rpm packages.
* Good knowledge on Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configuration.
* Extensive experience with version control system SVN&GIT.
* Extensive Good experience with Continuous Integration Jenkins Tool.
* Extensive Good Knowledge with configuration management tool Called Ansible
* Automated the cloud deployments using Ansible and AWS Cloud Formation Templates.
* Configuring and managing web Server. Having good knowledge on Automation Ansible.
* Experience in Automation using Ansible. Developing playbooks and push to the Ansible server
* Create play books in ansible using the YAML scripting syntax.
* Supported development sprints by automating instance provisioning using cloud formation and code deployments using chef, Jenkins, Git.
* Extensive good knowledge with shell scripting.

**Technical Skills:-**

* Operating Systems : **Linux(Red hat& Centos), Windows**
* Application Server : **Apache Tomcat**
* Web Server : **Apache Web server , Nginx**
* Source Code Management (SCM) Tool :**Git, GitHub, Gutbucket**
* Build Tool **: Maven**
* Continuous Integration (CI) Tool : **Jenkins**
* Artifactory Management tool **: Nexus**
* Cloud Technologies **: AWS (IAM, EC2, VPC, S3, RDS, EBS, ELB, ASG…)**
* Scripting Languages :**Bash Shell**
* Configuration Management tool : **Ansible,Chef**
* Container technology : **Docker**(**Docker compose ,Docker Swarm**)
* Orchestration technology : **Kubernetes**
* Virtualization Technology :VMware**, Vagrant**
* Bug/Defect Tracking Tool :**Jira, Service now**
* Monitoring tools :Nagios**, CloudWatch**
* Scripting Lang :**Shell Scripting**

**Educational Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.no | Instutate Name/ Collage name | Branch | Passed out | Percentage |
| 1 | State Board Secondary Education | SSC | 2005 | 65 |
| 2 | State Board of Technical Education | Inter | 2007 | 62 |
| 3 | Acharya Nagarjuna university | BSC | 2010 | 60 |
| 4 | Krishna University | PG (MCA) | 2013 | 60 |
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|   |   |   |   |   |

**Organizational Experience: -**

* Working as AWS& DevOps Engineer with PI DATA CENTER PVT LTD fromJuly-2015 to Till Date Dec 06-2020
* Working as IT Engineer CMS IT SERVICES Client Magma Fin Corp Limited July 2014 to 2015 May.
* Working as Aws & DevOps Engineer with Emxcel Solutions pvt ltd Dec7th-2020 to Till Date.

**Project - SUMMARY – EMXCEL**

Project Title: Beep

Client : Beep

Role : Aws & Devops Engineer

Team Size : 08

Environment: GIT, Maven, Jenkins, Ansible, Docker, Red Hat Linux, Tomcat App server.

**PROJECT SUMMARY**

**Project# 2:-**

Project Title : Hilton

 Client : Avaya Inc.

 Role : DevOps Engineer

 Team Size : 5

 Environment : GIT, Maven, Jenkins, Ansible, Docker, Red Hat Linux, Tomcat App server.

Description:

Avaya Diagnostic Server is an Avaya serviceability solution for advanced diagnostic services and remote support to Avaya products. Avaya Diagnostic Server leverages the capabilities of **Secure Access Link** (SAL) with the addition of a patented technology, **SLA Mon™**. With the SLA Mon™ technology, Avaya Diagnostic Server takes the serviceability approach to an advanced level by adding remote phone control, phone event monitoring, and network diagnostic capabilities.

Avaya, Business Partner, and customer service personnel can use the customer-controllable troubleshooting and diagnostic tools of Avaya Diagnostic Server to improve problem verification and resolution times. With remote access, alarm transfer, remote phone control, remote phone event monitoring, and network monitoring capabilities, Avaya Diagnostic Server reduces onsite dispatches and customer engagement requirements.

Roles and Responsibilities:

* Worked on version control system **Git** tool.
* Experience in Creating **branches** and **tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds.
* Create and configure new jobs for each and every module in **Jenkins**.
* Automated the building process and reduced all the manual intervention needed and merged that to the Jenkin's job.
* Automated builds using **Jenkins and Maven.**
* Setup DEV, QA and UAT environments for every sprint using **Ansible.**
* Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat.
* Created custom **Docker** images using **Dockerfile**.
* Identify, troubleshoot and resolve issues related to build and deploy process.
* Inform through mail the compilation errors to the responsible team with error logs using **JIRA**.
* Experience in writing environment checks using **Shell scripting**.
* Enhanced build infrastructure by adding more automation to build scripts.

**Project # 1: -**

# Project : NB Power

Client : Canada

Version Control : Git Hub

Build Tools : Ant

Continuous Integration : Jenkins

Scripting Languages : Shell scripting

Development Environment: Linux.

**Description:-**

 NB Power is primary and former monopoly electrical utility the Canadian province of New Brunswick. It provides paperless bills. We can pay our electrical bills online by logging into nbpower.com. It will provide customer services like view current bills, pay bills, generate duplicate bills, raise complaints. Request for new connection and request for previous bills. It will provide Administration like it will track the usage of power supply from various sub-stations.

**Responsibilities:**-

* Maintain Source Control branches, Control engineering team’s access to those branches from time to time depending on the release schedules.
* Maintain Continuous Integration Server, Maintain Jenkins jobs to meet the requirements of engineering team.
* Design, develop and maintain Build and Release management processes and tools.
* Creating application-software builds for development, test, and production environments.
* Coordinate with multiple project teams on the build and release management requirements.
* Responsible for Daily Backup, Scheduling of backup job, Nightly backup setup.
* Making of System/Process Automation through Shell Scripting.
* Involved in Branching, tagging of code delivery at required releases.
* Adding /Deleting Permissions and Customizing Branching models.
* Automated the backup the Github repository by using crontab.
* Developing utility scripts to effectively reduce the time and manual effort.
* Creating jar and War files using Maven.
* Worked Proposed and implemented branching strategy.
* Installation and troubleshooting Git related problems.
* Coordinating with developers and testers for Git related issues.
* Automated Monitoring of jobs/report runs, schedule verification.
* Part of support team member during releases, Implementations.
* Responsible for Daily builds, Continuous build and patch builds
* Responsible for creating the new build setup and new projects using Jenkins

 **(Suresh Babu Putti)**

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