

**Subramanyam.CH**

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## Professional Summary

- ❖ over all 3+ years of experience 6 months of desktop engineer and 3.4 years of DevOps Engineer & Amazon Web Services (AWS) Cloud Infrastructure
- ❖ Solid experience in EC2 Instances, VPC Design & Architecture, S3, Cloud Watch, RDS, AMI's
- ❖ Experience in Infra Provisioning & Configuration Management tools like Terraform & Ansible
- ❖ Experience in branching/merging/labeling strategies for Source Code Management
- ❖ Experience in Version Control/Source Code Management by GIT, Bit bucket
- ❖ Using Build Tools like MAVEN for the building of artifacts such as jar, war & ear from source code.
- ❖ Automate the Build and Deployment processes through Jenkins
- ❖ Deployed packaged Source code (Java) into Apache Tomcat and Jboss servers.
- ❖ Hands on Experience with Bug Tracking Tools like Jira.
- ❖ Sound experience on Code Deployment via builds (jar/war/ear) into various Dev/QA/UAT/Production Environments.
- ❖ Good experience in Shell, Batch Scripting
- ❖ Good understanding of the principles and best practices of Software Configuration Management (SCM).
- ❖ Automate the repetitive manual processes from different machines and results will send via email using
- ❖ Shell Script
- ❖ Troubleshooting developers server access issues, build issues
- ❖ Installing and configuring required Software's and Package's in Linux servers
- ❖ Ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment / release methodology, and application configurations.
- ❖ Proven experience on Software Development Life Cycle (SDLC), SCM practices along with Software
- ❖ Build and Release Management and Agile Methodologies.
- ❖ Good knowledge on Container based technologies like Docker, Kubernetes.

## Technical Skills

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|---------------------------------------|-----------------------------|
| ❖ <b>Cloud</b>                        | : AWS                       |
| ❖ <b>Infra Provisioning Tool</b>      | : Terraform, CloudFormation |
| ❖ <b>Configuration Mgmt Tool</b>      | : ANSIBLE                   |
| ❖ <b>Continuous Integration tools</b> | : Jenkins                   |
| ❖ <b>SCM Tools</b>                    | : git                       |
| ❖ <b>Build Tools</b>                  | : Ant, maven                |
| ❖ <b>Scripting skills</b>             | : LINUX Shell Scripting     |
| ❖ <b>DBMS</b>                         | : Mysql, sql server, oracle |
| ❖ <b>Operating Systems</b>            | : windows, Ubuntu           |
| ❖ <b>Tracking Tool</b>                | : jira                      |
| ❖ <b>Virtualization Tools</b>         | : Docker, Kubernetes        |

## Work

### Experience:

#### Project1#

**Client** : **Bosch**  
**Role** : **DevOps Engineer**  
**Environment** : **AWS, Ansible, Terraform, Git, Jenkins, Docker, Linux, Nexus, ShellScript**  
**Company** : **Tech m**  
**Duration** : **March 2017 to November 2018**

### Roles and Responsibilities:

- ❖ Launch on-premises servers to AWS using VMimport process.
- ❖ Launch on-premises servers to AWS using VMexport process.
- ❖ Creating Jenkins job with user level access for testing.
- ❖ Creating CI/CD pipeline and adding nodes to Jenkins slave using JNLP plugin
- ❖ Creating dockerfiles with requirements and dependencies from team.
- ❖ Handling teams/user issues (login, entity, MFA's, resources) on AWS.
- ❖ Creating pods, replicas, name spaces and services in kubernetes environment.
- ❖ Expertise on Ansible automation tool.
- ❖ Creating code pipelines, code build, code commit.
- ❖ Building AMI's using packer on Code build and the provision the servers using Ansible roles.
- ❖ Build SAP/Non-SAP AMI's on sap teams request on cloud
- ❖ Wrote Ansible playbook for deployment, configuring, and managing components and converting playbook into roles for reusability and scalability.
- ❖ Written Ansible consistency checks to make sure all required packages/parameters/dependencies should be available in all aws servers.
- ❖ Worked with application team to populate the data into the application using shell script & Ansible deployment tool.
- ❖ Good knowledge on writing Terraform scripts.
- ❖ Written terraform scripts to spin up instances and VPC, ELB etc.
- ❖ Worked with application team and build an image with Docker and spin up container.
- ❖ Creating Docker images for order promising app products for platform framework.
- ❖ Written Multi-staging Docker builds.
- ❖ Written Ant tasks to automate the Docker builds.
- ❖ Tagging the resources if missing using tag editor.
- ❖ Writing S3 policies, user level and bucket level policies on accounts, versioning, and parameter store.
- ❖ Configured and managing ELBs and S3 storage.
- ❖ Writing a S3 policies to deny some particular access to user/teams.
- ❖ Giving access to resources to the users with required IAM permissions.
- ❖ Configured and managing security groups and VPC.

- ❖ Building commands to create an image with ANT programming language
- ❖ Building AMI's using packer on Code build and the provision the servers using Ansible roles.
- ❖ Build SAP/Non-SAP AMI's on sap teams request on cloud.
- ❖ Handle multiple builds from Dev team, create build jobs in code build and perform deployment activities.
- ❖ Creating/Handling a DATASYNC task to make data replication NAS to AWS EFS and the same mounted on servers.

## **Project2#**

**Client : Tech m**  
**Role : Cloud Support Engineer**  
**Environment : AWS, Git, Jira, Linux, Shell**  
**Script Company : Deltra Soft technologies**  
**Duration : November 2020 to**

### **present Roles and Responsibilities:**

- ❖ Writing S3 policies, giving access to particular group/user on request.
- ❖ Making sure to encrypt all EBS volumes.
- ❖ Handling access issues, giving sudo to root access to particular user/group level.
- ❖ Providing custom access to user.
- ❖ Handling disk usage, processes issues, memory issues.
- ❖ Actively involving in Jira updates and creating documents steps for tasks in confluence page.
- ❖ Responsible for Maintaining and Administering AWS resources
- ❖ Fixing kernel panic issue.
- ❖ Patching AWS servers on monthly/Quarterly basis with kernel/security patch update.
- ❖ Making partitions/extending volume size on DBA/APP team request.
- ❖ Creating EFS with Bursting/Provisioned throughputs.
- ❖ Making filesystems on servers and mounting with Elastic File System (EFS).
- ❖ Creating datasync task and issue handling like port open/allowing IP to subnets.
- ❖ Configuring flow logs on vpc's.
- ❖ Handling user login issues on servers.
- ❖ Handling domain issues and sssd conf's issues.

### **Education:**

- BSC in computers(full time) William Carey university.

### **Personal Details:**

**Place: Hyderabad**  
**Subramanyam.chs**