DhanaChakravarthy G

Contact: 8522816967

E-Mail: dhanagundala7@gmail.com

Professional Profile

Process oriented with 3.2 years of experience in Linux, Devops Engineer and Cloud along with good knowledge in **Agile methodologies**, which involved successful project.Experienced in interpreting and analysing the environment in efficient manner.

Area of Expertise

- Having 3 years of experience in Linux, Release Management and DevOps Engineer with AWS.
- Experience in **GIT** as a Version Control Tool.
- Good hands on experience in Build automation tools like **Maven**.
- Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves and other administration tasks in **Jenkins**.
- Experience in DevOps Engineer to understand the melding of operations and development to ensure quick delivery of projects to the clients.
- Migrating a production infrastructure into an **Amazon Web Services VPC**.
- Automated complete Continuous Delivery pipeline, using Configuration management tool **Ansible**.
- Automate complete Continuous Integration using **Jenkins**.
- Hands on experience on Amazon Web Services.
- Preparing and executing Release and Implementation plans for the product releases as per the release calendar.
- Experience on basic Shell scripting for deploying the jobs.
- Configuring the **Docker** containers and creating **Docker** files for different environments.
- Launching and configuring of Amazon EC2 (**AWS**)Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications.
- Experience on Linux, Scheduling backup and log rotate scripts using cron jobs, enable.

- Involved Releases, creating delivery notes and coordinating releases in different environment Dev, Staging, UAT, and Prod.

- Having Explosure in Terraform.
  Worked on Cloudformation Temapltes for Automating AWS Services in Service Now.

Qualification

- B. Tech (ECE) – Jawaharlal Nehru Technological University, Anantapur (Graduated in July 2017)

Certification

- RedHat Certified System Administrator (**RHCSA**)
- RedHat Certified Engineer (**RHCE**)
- Certification Number - 170-267-215

Professional Experience

- Worked as a Linux and Devops Engineer in Nextrics Software Solutions private Limited from Feb 2019 to Jul 2021

- Working in HCL Technologies Private Limited as CloudOps Engineer.

Skill sets

- **Operating System**   : Ubuntu, CentOS, Red Hat
- **Microservices**   : Docker
- **Build Tools**   : Maven
- **Continuous Integration tool**   : Jenkins
- **Version Control Tools**   : GIT
- **Bug Tracking tools**   : Zoho
- **Web/ Application Servers**   : Apache Tomcat
- **Configuration Tools**   : Ansible
- **AWS (Cloud)**   : EC2, VPC, S3, IAM, ELB, Auto Scaling, Cloud Watch, AMI
- **Database**   : Mysql
- **Tools**   : WinSCP, Putty, MobaxTerm
- **Automation Tool**   : CloudFormation, Terraform

Projects

Project - 1

Client   : Yokofon Telecom, Gautamela
Environment   : **RHEL7, AWS, Devops**
,Domain   : Linux, Release Management
Summary   :

MVNE   system   is   provided   with   the   End-to-End   services   to   Yokofon

configure multiple MVNO under same and provided various services including CAMEL(calls), RADIUS(Data) and Billing services.

Roles & Responsibilities

- Installation packages, additional packages using YUM.
- Knowledge on User and Group administration.
- Controlling access to files with linux file system permissions.
- Controlling access to files with Access Controll List(**ACL**).
- Doing basic activities like create, move, delete and copy of Files and Directories.
- Configuring crontab and scheduling the jobs .
- Security management (assigning file / directory permission) .
- Knowledge on accessing the remote system(**SSH**) .
- Backup & Restore by using **TAR & GZIP.**
- Worked with **GIT** to manage source code repositories and performed branching, merging, and tagging depending on requirement.
- Launching and configuring of Amazon EC2 (**AWS**)Cloud Servers using AMI's (Linux/Ubuntu)and configuring the servers for specified applications.
- Lauching VPC and configuring subnets.
- Assigning Volumes, Security groups to the EC2 Instances.

Project- 2

Client	: Toka Telecom, Mexico
Environment	: **AWS, Devops**
Domain	: Devops Engineer
Summary	:

MVNE system is provided with the End-to-End services to Yokofon project,infrastructures,application and operations available.MVNE system provide a solution to configure multiple MVNO under same and provided various services including CAMEL(calls), SMS, IVR and Billing services.

Roles & Responsibilities

- Administered **Jenkins** for Developed and implemented Software Release Management strategies for various applications according to the process. Worked with different development teams and multiple simultaneous software releases.
- Worked with **GIT** to manage source code repositories and performed branching, merging, and tagging depending on requirement.
- Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases. Continuous Integration and deployment into Tomcat/APACHE Application Servers.
- Basic Shell Scripts for automation purpose.Experienced in **Maven** to Build artifacts and deploy. Hands on experience in monitoring **EC2.**

- Used **Ansible** for application automatic deployment and provisioning to different environments.
- Installed/Configured/Managed **Ansible** Playbooks, Wrote Custom Modules and Downloaded Pre- Written Modules from **Ansible** Documentation.
- Experience in Containerization tool like **Docker.**
- Experience in Build **Docker Images** such as Docker Files.
- Releasing code to testing regions or staging areas according to the schedule published.
- Used **ZOHO** as tracking tool in this project.

Project- 3

Client	: Biogen, US
Environment	: **AWS Operations**
Domain	: CloudOps Engineer
Summary	:

Integrated AWS Services with Service Now. Worked with Cloudformation Temapltes for Automating AWS Services in Service Now. Automated with CPG Governance Tool. Accordingly data will be maintained in CMDB tables.

Roles & Responsibilities

- Created for **EC2** Instances CloudFormation Stack for Linux, Windows flavours.
- Created on **FSx** CloudFormation Stack file system for windows self managed active directory.
- Created on **S3** Bucket CloudFormation Stack creation.
- Created on **RDS** CloudFormation Stack for multiples engines like mysql, postgres, oracle, mssql.
- Created on EC2 Snapshot catalog for **AWS Backup** CloudFormation Stack.
- Created on **ELB** for both application/network load balancers creation of CloudFormation Stack.
- Created on **ALB Auto Scaling** CloudFormation Stack creation.
- Created on Some **IAM Role** Creation with CloudFormation Stacks.
- Created on **Secrets manager** resource for making the credentials in safe using CloudFormation Stack.
- Provided **IAM** permissions to the users and roles.
- Assigned Inbound Rules in **Security Groups** to the EC2 Instances accordingly.
- Created Volumes, Snapshots and AMI's of the EC2 instances.
- Created **Route 53** A records and CNAME records to EC2, ELB and FSx Services.
- Analysing the logs for the services using **CloudTrail** Event logs and **Cloudwatch** logs.
- Created VPC and Subnets.

Personal Details

Date of birth	- April 10th 1996
Father name	- G.Eswaraiah
Marital Status	- Single
Languages Known	- Telugu, English, Hindi

Dhana Chakravarthy G