SRUJAN AVULA

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Objective:
To work in a challenging environment through which can I utilize my skills and knowledge for the development of the organization and in turn my career.

Summary:

- DevOps Engineer with around 3.1 Years of Experience in Configuration Management, **Build and Release** Management.
- Experienced in **AWS** cloud computing services.
- Experience in skills like **SCM**, change/incident management.
- Extensive hands on with **Jenkins Pipeline**, for continuous integration and end-to-end automation tools for deploying.
- Good knowledge on various code management tools like **GIT**. Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like GIT.
- Automate infrastructure in **AWS** using amazon web services. Deploy Ansible to completely provision and manage AWS **EC2** instances, volumes, and **S3**.
- Launching and configuring of Amazon **EC2** (AWS) Cloud Servers using **AMI's** (Linux/Ubuntu) and configuring the servers for specified applications.
- Working on **CI/CD pipeline** configuration.
- Working knowledge on **shell script** and **Jira** ticketing tool.
- Experience in container technology like **Docker.**
- Experience in creating Jenkins CI pipelines and automated most of the build related tasks.
- Experienced in build tools such as Maven to generate project Artifacts and troubleshoot Build issues.
- Experience in creating Docker images and deploying Images.
- Good knowledge in using **Maven** scripts for all the build scripts to automate the Compilation, Deployment.
- Create artifacts like using build tools **Maven**.
- Manage Maven builds and troubleshoot Build issues.
- Experience on **Maven repository** architecture.
- Creating artifacts using **nexus.**
- Integrated Build Process through Jenkins to various **SCM** tools like Git with GitHub.
- Performed continuous Build and Deployments to multiple environments like Dev, QA and Staged.
- Working with **Terraform** templates as Infrastructure as code management, taking backup of State files, modifying subnets, security groups, Vpc.
- Extensively worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployment.

Professional Experience:
Working as **AWS DevOps Engineer** in **Sentios Systems Pvt Ltd** from October 2018 to till now.

Technical Skills:

Version control Tools	GIT, Git hub
Build Management Tools	Maven
Continuous Integration Tools	Jenkins
Operating Systems	Windows, Linux and Unix

Web/Application Servers	Apache Tomcat
AWS Cloud Services	EC2, S3, EBS, IAM, AMI, Autoscaling, Load balancer, RDS, VPC, Cloudfront, Cloudwatch, Terraform.
Ticketing Tool	Jira
Virtualization	AWS

Professional Experience:

Project -1

Client : **Etrade**
Role : **AWS DEVOPS Engineer**
Environment : **AWS, Terraform, MAVEN, Git, Apache Tomcat, Linux, Jenkins , Docker**
Duration : **2020 Mar to till date**
Designation : **Build & Release/ DevOps Engineer**

Responsibilities:

- Creating multiple VPCs and public, private subnets as per requirement.
- Initiating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization, disk usage etc. to take recommended actions for better performance.
- Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
- Support the code builds by integrating with continuous integration tool **(Jenkins)**
- Installed Jenkins, written **shell script** for end to end build and deployment automation.
- Built Continuous Integration Environment and Continuous delivery using Jenkins.
- Configured and maintained a large-scale **Docker** environment. Created Docker Images for deploying applications.
- Integrated delivery (**CI and CD process**) Using **Jenkins pipeline**.
- Troubleshooting application related issues by log verification. Project involved the usage of maintaining repository and version controlling.
- Involved in Branching, Tagging and Merging of code delivery at required release.
- Verify deployments logs to check for successful deployments.
- Setting up databases in **AWS** using **S3** bucket and configuring instance backups to **S3** bucket.
- Build server deployment on servers with help of DevOps tool **Ansible**.
- Used **Terraform** modules for taking backup of statefiles, modifying subnets, security groups
- Used **GIT** as SCM and done Merging the code and tagging .
- Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using **Jenkins**.

Project-2
Client : **United Health Group**
Role : **Build & Release Engineer**
Environment : **Git, Maven Apache Tomcat, Linux, Jenkins.**
Duration : **October 2018 - February 2019**

Responsibilities:

- Creating and launching EC2 instances using AMI's of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.

- Involved in Support to Linux tasks as adding Users and Groups, Changing file Permissions, taking backup.
- Worked on Build Tool Maven, Source Control Management Git & Continuous Integration Tool Jenkins.
- Worked on Maven build tool.
- Involved in Continuous Integration setup. Configured multiple build jobs, created up and down stream jobs and performed plug-in installations, backup etc. using Jenkins.
- Daily activities include like scheduling builds for multiple projects, deploying the artifacts in multiple QA and Dev environments.
- Implemented the Release practice and responsible for pushing builds into QA / UAT /Pre-Production/ Production stages.
- Involved in Git Branching strategies, Conflict issues
- Deployed to Tomcat Server by Using jenkins.

EDUCATION QUALIFICATIONS:

- **B TECH :** From GURU NANAK COLLEGE OF ENGINEERING AND TECHNOLOGY with aggregate of 62% in the year of 2018.

DECLARATION:

I here by declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particular.

Place   : Hyderabad

Date   :

(Srujan.A)