

Harika Akkala

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Objective:-

I am looking forward for an opportunity to build my career at leading corporate environment with committed, dedicated people. Where I can effectively utilize my skills to contribute the growth of the organization through my knowledge dedication, hard work and continue to improve myself.

Profile Summary: -

- Having **3.10 years** of IT experience as DevOps, AWS Engineer and Software Engineering activities and deployment activities for web-based software applications.
- Experience with various AWS services like **EC2, S3, VPC, Cloud watch, Auto scaling, ELB.**
- Experience working with all AWS EC2 resources like Volumes, Key pairs, Placement Groups, Elastic IPs, **Snapshot's, Load balancers** and Security Groups.
- Defining EC2 Instance Security Groups, configuring Inbound / Outbound rules and tagging AWS EC2 resources.
- Experienced in Amazon EC2 setting up instances, **virtual private cloud (VPCs)**, and security groups.
- Install and configure **SSH** to enable secure access to the servers.
- Experienced in creating multiple VPC's and **public, private subnets** as per requirement and distributed them as groups into various availability zones of the VPC.
- Configured **S3 buckets** with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- Possess good knowledge in creating and launching EC2 instances using **AMI's Of Linux, Ubuntu, and Windows.**
- Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.
- Proven experience on creates Branching and Tagging concepts in Version Control tool using **GIT.**
- Performed installation & configuration of **Tomcat** application server, and Apache server.
- Experience on building and deploying Java web applications in **Apache Tomcat.**
- Good experience in automating build process using **Jenkins** tools.

- Proven Good experience in configuration management tools like Knowledge on **Ansible**.
- Creating, deleting the users, directories partitions, giving the permissions in **Linux**.
- Responsible for Creating and maintaining builds and Administering **Jenkins** and Involved in Deployment related activities.

Technical skills:-

Configuration Management : Ansible
 CI Tool : Jenkins
 Version Control : Git
 Monitoring : CloudWatch
 Cloud : Amazon Web Services cloud
 Operating Systems : Linux and windows
 Containerization : Docker
 Programming Languages : Shell scripting

Academic profile-

BTech from Qis College of engineering & Technology in 2017

Company: Verisk

Duration: November 2019 – Till Date

Role : Devops Engineer

Roles & Responsibilities:-

- Created release branches in GIT-by-GIT Administration including branching, reporting and assisting with project and end user support.
- Creating CI/CD pipelines by integrating Git, Jenkins, Ansible, Monitoring Tools and AWS (provisioning).
- Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- Responsible for creating Builds and Deployments Planes.
- Hands on experience of wring Jenkins files to automate the complete CI/CD process.
- Perform Build activities using Maven goals.
- Perform Deployment of Jar files in Tomcat application servers using Ansible playbooks.
- Involved in writing Shell scripts for doing Deployment and take the backups of the files.

- Experience working with Docker private registry, creating Docker images and pushing the images into image registry and checking the image vulnerabilities.
- Design and create automated Build and Deployment process.

Company: Polaris

Duration: December 2017– Nov 2019

Role: DevOps Engineer

Roles & Responsibilities:-

- Management of Customer Requirements and documentation of the Project Plan as per the requirements.
- Responsible for designing and deploying best **SCM** processes and procedures.
- Updated Release reports from change management control.
- Maintained and Administered **GIT** Source Code Tool.
- Created Branches, Labels and performed Merges in Stash and **GITHUB**.
- Developed build and Deployment Scripts using **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
- Integrated **GIT** into Jenkins to automate the code check-out process.
- Used **Jenkins** for Automating Builds and Automating Deployments.
- Managed Build results in **Jenkins** and Deployed using workflows.
- Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
- Worked closely with software developers and **DevOps** to debug software and system problems.

Declaration:

I hereby declare that above information is correct to the best of my knowledge and belief. Location: Hyderabad

Harika Reddy