

Kishan Gujja

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Experience Summary:

- Having **5.8** years of IT experience as a **AWS&DevOps** Engineer in automating, building, deploying, managing and releasing of code from one environment to other environment tightly maintaining **Continuous Integration, Continuous Delivery and Continuous Deployment** in multiple Managed environments
- Created Jobs for **Builds and Deployments**, installed several plugins in Jenkins to support multiple build eco systems required for the implementation of projects.
- **Automated Tomcat** application server deployments using **Ansible Playbooks**.
- Strong experience with **version control system git** and including branching and merging strategies.
- Having knowledge in taking **backup of artifacts** using the **Nexus**.
- Managing **Maven builds** and troubleshoot Build issues.
- Experience with **automated build pipeline**, continuous integration and continuous deployment environments using **Jenkins**.
- Configuring pre and post build actions in Jenkins as per project requirements.
- **Automate** the build Process Using **Jenkins jobs**.
- Working knowledge in code **quality checking using sonar**.
- Experience on deploying artifacts like **WAR and EAR** into application servers **Apache Tomcat** and **Web logic servers**.
- Knowledge in Package management installation, updating and remove different packages using **Yum, apt-get**.
- Working knowledge on **Jira** ticketing tool
- Experience in creating **Ansible Playbooks** for managing remote hosts.
- Experienced in managing applications by implementing **AWS services** which includes **EC2, S3, VPC, ELB, ALB, AMI, IAM, Cloud Watch, Auto scaling, Security Groups, RDS, Amazon Inspector**.
- Worked with AWS provisioning EC2 Infrastructure, VPC setup, **Auto Scaling** for high availability of EC2 Instances and handling **EBS Volumes and Backups**.
- **Cloud Watch** for monitoring server metrics, creating alarms and log groups.
- Ability to create, manage and monitor domains in **Route 53**.
- Have good knowledge on Deploy, Manage, and Scale Docker Containers on servers in various environments using **Kubernetes**.
- Have good knowledge on Container **Orchestration service Kubernetes** in AWS.
- Experience in managing Kubernetes Cluster on AWS using pods, services and Replication Controller services.
- Provided **24x7** production support and development environments. Ability to communicate requirements effectively to team members and manage applications.
- Experience in provisioning AWS Infrastructure automation using **Terraform**.
- Configure Virtual Private Cloud with **subnets, security groups, IGW, NACLs, NAT Gateways, NAT Instances** manually as well as Automation using **Terraform**.
- Worked on the Lambda functions using **JSONScripts**.
- Ability to learn and master new technologies and also deliver tasks in short deadlines.

Educational Qualification:

- **B.Tech** from **Jawaharlal Nehru Technological University(JNTU), Hyderabad.**

Technical Skills:

Operating Systems	Linux, Ubuntu, Windows
SCM Tools	GIT
CI Tools	Jenkins, Argo CD
Web & Application Servers	Apache Tomcat
Scripting	Bash Scripting
Build Tools	Maven
Configuration Management Tools	Ansible
Infrastructure Automation Tool	Terraform
Containerization Tool	Docker
Orchestration Tool	Kubernetes
Cloud	AWS
Code Quality	SonarQube
Monitoring Tools	Prometheus, Grafana, Cloud watch
Databases	MySQL
Ticketing& Bug Tracking Tools	Jira

Professional Experience:

- Working as **DevOps Engineer** at **M G S Technologies Pvt Ltd** from **Jun-2018** to **Till Date.**

Project 2:

Client : **Flo Health**
Role : **AWS & DevOps Engineer**
Environment : **Linux**
Tools : **Git, Git-Hub, Jenkins, Maven, Docker, Nexus, SonarQube, AWS, Terraform**
Duration : **March-2021 To Till Now**

Description:

Flo Health is the company behind the celebrated app of the same name, the female health program that is most recommended by OB-GYNs and is used by more than 230 million women around the world. Flo has harnessed the power of AI to develop and refine their signature offering in order to deliver personalized medical insights into issues traditionally underserved by mainstream medical professionals such as menstruation, conception, pregnancy, and menopause.

Responsibilities:

- Communicating with developers for **build plan** and **build failures.**
- Designing, creating and maintaining **GIT repositories** as per the client specifications.

- Analyzing **Bugs** and coordinating with **Dev/QA** teams.
- Launching and configuring of **Amazon EC2 (AWS)** Cloud Servers using **AMI's (Linux/Ubuntu)** and configuring the servers for specified applications.
- Performed Linux systems **patch management** configurations on **Amazon EC2** instances.
- Implemented CI/CD using **Jenkins, Docker & Kubernetes**.
- Creating and managing s3 buckets to store data.
- Responsible for creating **Kubernetes** manifest files like daemon sets, replica sets, deployments.
- Experience in Kubernetes cluster setup and deploying applications in **Kubernetes cluster**.
- Worked on configuration management and containerization solutions such as **Ansible, Docker**.
- Enabling the **SonarQube Quality** gates for the modules of the project to maintain code quality.
- Configuring and enabling the **SonarQube** through Jenkins pipeline jobs.
- Managing snapshots, AMIs and Security Groups for server security and backup in case of disaster recovery
- Worked with **MAVEN** build tool for building deployable artifacts.
- Installed and administered **Nexus repository** to deploy the artifacts generated by Maven and to store the dependent jars which are used during the build.
- Responsible for creating & configuring persistent volumes, persistent volume claims.
- Infrastructure automation on public cloud platforms **AWS** using **Terraform**.

- Creating new jobs in Jenkins and managing the build related issues.
- Monitoring daily builds using continuous integration tool Jenkins.

Project 1:

Client	: Sedera
Role	: AWS & DevOps Engineer
Environment	: Linux
Tools	: Git, Git-Hub, Jenkins, Maven, Docker, Ansible, SonarQube, AWS, Kubernetes.
Duration	: Jun-2018 To Feb-2021

Description:

Sedera is turning the traditional health insurance model on its head with its innovative peer-to-peer medical sharing model. With headquarters in the bustling city of Austin, Texas. Sedera is changing the way people access healthcare. Sedera is to get like minded people together with each member expressing a belief in a healthy lifestyle-and the company focuses on helping all members minimize their medical expenses.

Responsibilities:

- Experience in setting up **CI/CD** pipeline integrating various tools with Jenkins to build and run terraform jobs to create infrastructure in AWS.
- Worked on **Cloud watch** to monitor applications that run on Amazon EC2.
- Implemented **Ansible playbooks** for Deployment on build on internal Data Centre Servers.
- Involved in the release process and deployed applications (**WAR, EAR and JAR**) to the Red hat satellite server.

- Experience in writing **Docker files** to build customized images for creating containers.
- Setup and build AWS infrastructure various resources, **VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, ALB and RDS using terraform.**
- Creating EC2 Instances and Managing **IAM Roles** as per the requirement.
- Worked on **Jira** tool for issue reporting, status, and activity planning.
- Running and monitoring nightly builds in all Java platforms.
- Performing installation testing on builds before handing over to QA team.
- Automated the code deployment process in each environment (**development, QA, Pre-Production**).
- Perform code merges on a regular frequency to integrate the source code from various branches.
- Worked with developers, QA and Product support teams to identify and resolve build problems.
- Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
- Managed and monitored the server and network infrastructure using **CloudWatch**.
- Develop and maintain build and release process documentation.
- Experience with container based deployments using Docker, working with **Docker images, Docker hub and Docker registries.**
- Performed **SCM** tasks, such as check-in, checkout, branching and merging code from development branches to main branch and main branch to development branches.
- Assisting development team in resolving issues with build, environment, SCM and tools.
- Perform code build and deploy (Unix and Windows)
- Generating the SonarQube reports for the individual modules of the maven project.
- Launching and configuring of Amazon EC2 (AWS) Cloud Servers using **AMI's (Linux/Ubuntu)** and configuring the servers for specified applications.
- Worked in Amazon Web Services (AWS) **VPC, EC2, Cloud formation, S3, IAM, RDS, Route S3, Cloud Watch, and Elastic cache.**
- Utilized Cloud Watch to monitor various resources like **EC2, MySQL** logs etc.we monitor Standard EC2 matrices like **Memory, Swap, CPU and Disk.**
- Used **Kubernetes (EKS)** to orchestrate the deployment, scaling and management of Docker Containers.
- Provided **24x7** production support and development environments. Ability to communicate requirements effectively to team members and manage applications.

DECLARATION:

I, hereby declare that all the details furnished above are true to the best of my knowledge.

(Kishan G)