

SUMANTH

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PROFILE SUMMARY:

- Having around 2.5+ years of experience in IT.
- Working as **DevOps Engineer** with experience in CI/CD implementation.
- Used **Terraform** to manage and provision AWS infrastructure as code.
- Hands-on experience with **Terraform** for automating **AWS infrastructure** provisioning (**EC2, S3, IAM, VPC, RDS**)
- Managed **Terraform** state using remote backends like **S3** with state locking in **DynamoDB**.
- Expertise in **Shell** scripting for automation and to schedule tasks.
- Experience in automating build and deployment, infrastructure and processes for our projects.
- Expertise in blob storage and file storage.
- Created and managed **Dockerfiles** to build custom images for Python/Flask/Node.js/Java applications.
- Performed basic Docker image lifecycle operations: docker build, docker run, docker push, docker pull, and docker exec.
- Integrated **Git** into **CI/CD pipelines** for automatic build and deployment triggers.
- Designed and implemented CI/CD pipelines in Jenkins using Declarative Pipeline (Jenkinsfile).
- Knowledge on **branching** and **merging** strategies/Policies.
- Managing Virtual disk allocation as per the Client & Application requirement.
- Hands on experience on **YAML**.
- Extensively worked on the **Agile Scrum** based projects.
- Expertise in estimations, planning, design solutions, development, testing and deployment activities.
- Highly motivated, Pro-active and possess excellent technical, interpersonal, problem-solving skills and motivating others to produce results on time.
- Strong planner and organizer with demonstrated ability to master new concepts quickly, incorporate the latest technology and develop business solutions that increase efficiency, productivity and profitability.
- Excellent documentation and presentation skills

EXPERIENCE:

Working as **DevOps Engineer** at Dynpro Technologies PVT LTD from Dec 2022 to Till Date.

EDUCATIONAL CREDENTIALS:

B.E from PDA College of Engineering KALABURGI (GULBARGA) -2022

TECHNICAL SKILLS:

Operating Systems	: Windows, Linux.
Cloud Technologies	: Amazon web services.
SCM Tools	: GitHub.
IaC Tools	: Terraform, CloudFormation.
CI/CD Tools	: Jenkins.
Scripting language	: Shell scripting, YAML.
Bug & Issue Tracking Tool	: Jira.
Database	: SQL.

PROJECTS:

Project Name : Subway

Description:

Dexter Systems strives to bridge technology gaps for every business out there. Its core processes stem from the very rudimentary fact that only those businesses who learn to walk with the changing trends in technology, can sustain the waves of volatile consumer needs.

Role: DevOps Engineer.

Responsibilities:

- Setting up the new build environment for various applications in Windows/Linux environment.
- Creating, building Docker images, containers. Writing Docker file to create custom images and issue troubleshooting. Implemented Microservices using Docker.
- Automated provisioning of cloud infrastructure using Terraform, managing AWS services like EC2, VPC, IAM, S3, and RDS.
- Executed terraform plan, apply, and destroy commands as part of infrastructure deployment lifecycle.
- Implemented Master-Slave concept in Jenkins to achieve Load Balancing.
- Implementation of Jenkins pipeline job configurations and access permissions for various groups and issue troubleshooting for pipeline jobs
- Creating and maintaining the source code and release branches on GIT for various applications.
- Responsible for creating branches, merging and resolving merging conflicts.

- Created repositories according to the structure required.
- Creating WAR/EAR files using Maven.
- Implemented continuous integration using Jenkins.
- Installed number of plugins in Jenkins for project requirement.
- Automation of build process (Build Automation) using the Jenkins, Maven and Git
- Involved in installing the plugins and setting of the jobs/nodes and configure the jobs to automate the deployment process.
- Worked on integrating GIT into the continuous Integration (CI) environment along with Jenkins.

Project Name: AccessValu

Description: This application will be used by Insurance Agencies to calculate the commission for agents based on the selling their insurance products.

Role: Build & Release Engineer.

Responsibilities:

- Hands on experience in Replication services. Good Knowledge in Database like SQL Server, MySQL. Handled daily and nightly builds for multiple projects.
- Conducted regular terraform plan/apply reviews with the team, improving visibility and preventing breaking changes.
- Developed and reviewed Terraform scripts to manage compute, networking, and storage configurations on AWS across dev, staging, and production.
- Wrote Shell scripts and scheduled VM shutdowns during off-business hours to optimize resource usage.
- Creating tags and support branches.
- Resolved issues for developer's commit, update, and synchronization.
- Enabling and configuring the Backup policy on Virtual Machines. .
- Configuring storage account access, diagnostics & monitoring .
- Supporting developers in the Configuration management environment.
- Automated the build and deploy tasks using ANT.
- Performing the Merging activities. Monitoring and maintaining the Repositories.
- Handle escalations from team members and help in issue resolution.
- Identify, troubleshoot and resolve issues related to build process.