Manjula Rajamani

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Contact Information

GitHub: github.com/manjularajamani

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These platforms showcase my latest projects, professional achievements, and skills.

Personal Profile

As a dedicated and technically skilled DevOps Engineer, I bring a unique blend of understanding and experience in both software development and IT operations. My two-year journey in this industry has allowed me to master a variety of technologies including, but not limited to, Docker, Kubernetes, Jenkins, and Terraform.

IT CERTS

AWS CERTIFIED DEVOPS ENGINEER - PROFESSIONAL

Work Experience

ITTRIDENT SOFTWARE SERVICES

DevOps Engineer

December 2020 – Present

Skills

PROGRAMMING:

- ➢ Python
- ➢ Bash
- ➢ Groovy

CLOUD PLATFORMS:

- ➢ AWS (Amazon Web Services)
- ➢ GCP (Google Cloud Platform)

CLOUD SERVICES:

- ➢ **AWS:**

  Codebuild • Codedeploy • Codecommit • EC2 • Route53 • VPC • IAM • S3 • EFS • ECR • EKS • ECS

- ➢ **GCP:**

  Cloud Run • Cloud Storage • Cloud Build • Compute Instance • Source Repository

INFRA PROVISIONING:

- ➢ Terraform
- ➢ Vagrant

AUTOMATION SUITES:

- ➢ Jenkins
- ➢ Gitlab CI

CONTAINER RUNTIME:

- ➢ Docker

CONTAINER ORCHESTRATION:

- ➢ Docker Swarm
- ➢ Kubernetes
- ➢ Docker Compose

CONFIGURATION MANAGEMENT:

- ➢ Ansible

Projects

PYSECCOMP-PLAYGROUND:

Python scripts that have been seccomp'd via the libseccomp python library

Tools: Python • Python-libseccomp

LUFI:

Dockerized this temp file hosting site source

Tools: Docker • Docker Compose

SRI IYYAPPA TRUST:

Bootstrapped the VM setup and deployed the application via a Jenkins declarative pipeline

Appreciated & Awarded: Star Performer: September 2022

Tools: AWS • Jenkins

STRIIM:

Created the AMI's for Ubuntu 20.04 and RHEL 7.6, 7.9 and 8.4 distributions

Configured NFS auto-mount clients for their UI Tests AMI

Tools: AWS • Jenkins

FLUXBB:

Deployed the FluxBB forums on Hetzner via Terraform IaC and Ansible Config Management

Tools: Ansible • Terraform • Hetzner

HYPERTEXT-EDITOR:

Dockerized the application and submitted a PR

Tools: Docker

KANBAN-BOARD:

Drafted a K8s YAML manifest for this full-stack application and deployed the webapp to a bare-metal (Dell OptiPlex 5090) k8s cluster to test out internally at our DC and later applied the manifest in an EKS cluster for production usage. Additionally, modularized the EKS cluster provisioning in a terraform module for importing into future projects

T o o l s : Kubernetes • AWS EKS • Terraform

IRIS-WEB:

Drafted the helm chart for Iris-web application and contributed to the deployment of iris-web. My helm chart for iris-web has been merged into the repository.

T o o l s : Kubernetes • AWS EKS • Helm