

# KOYILADA MAHARSHI



## SUMMARY

Certified Kubernetes Administrator (CKA) and seasoned DevOps/SRE Engineer with over 8 years of robust experience in systems administration and engineering. Proficient in CI/CD methodologies, Docker, and Kubernetes (including AKS and EKS), as well as OpenShift, ARO, ACM, ACS, HELM, and cloud platforms such as Azure and AWS. Proven track record of successfully building, automating, and optimizing critical deployments through containerization. Possesses a keen attention to detail and excellent organizational skills, dedicated to contributing to team success. Highly motivated to continually learn, grow, and excel in the realms of DevOps, DevSecOps, and SRE.

## WORK HISTORY

### Technical Specialist, 02/2023 - Present

#### HCL -Hyderabad

Project: Computer Shares

Description: As a Tech Lead working on few Architectural changes and implementing the Containerization infrastructure using Openshift, Openshift Advance Cluster Mangment(ACM) & Advance Cluster Security (ACS).

- Implemented CICDs pipeline and DevSecOps few projects.
- Coded operators for OpenShift and Kubernetes.
- Implementation of (ARO) from scratch in Azure.
- Created an automation with Service now integration with Kubernetes and OpenShift.
- Developed & Implemented helm charts & deployments on production environments.
- Implemented Openshift, Openshift Advance Cluster Management (ACM) & Advance Cluster Security (ACS).
- Setup logs monitoring tool DataDog and Dyantrace.

### Senior DevOps Engineer II, 10/2021 to 08/2022

#### ELI LILLY - Bangalore, Bangalore

Project: Containerization R&D

Description: As a R&D Engineer worked on containerization platforms and PaaS system on multiple Cloud providers.

- Implemented Splunk for QA and production application monitoring.
- Worked on DR exercise and created system design for Azure REDHAT OpenShift (ARO) for non-prod and Prod Environments.
- Worked on various tools like Cloud Park for Data implementation a deployment in production. maintenance of tomcat and Jboss pods/containers.

## • CONTACT

**Location:** India

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- Integrated blackduck, Veracode and sysdig with Jenkins to meet security compliance for docker images and open-source libraries.
- Worked on AWS cloud service's like VPC, Route53, EKS, ELB, EC2, S3, EBS
- Worked on AZURE cloud service's like Vnet, Subscriptions, Azure RedHat OpenShift (ARO).
- **Working on own tool for DevOps implementation with No Code and Low Code concept, which will be able to improve the build, Validate, Integrate& Deploy for any products which are currently running or a new. The product is currently under development. To know more please visit my website [rishi.indkeys.com](http://rishi.indkeys.com).**
- Implemented Home-lab for all my internal and external Projects on Kubernetes, with all proxy, logging and security tools implementation

### **Senior DevOps Engineer, 02/2020 to 09/2021**

#### **FIS - Bangalore, Bangalore**

Project: MBP

Description: MBP Workbench, multi-tenant platform to help banking Organizations to implement modern Banking systems on Enterprises.

- Automated and implemented CI/CD pipeline using Git, Jenkins, shell script, docker, OpenShift, Helm and Kubernetes that resulted in ease of rollouts and rollbacks.
- Implemented workflow from setting up env to deploying and upgrading(roll-outs) on OpenShift clusters for on-prem customers.
- Implemented Elasticsearch, fluentd and kibana to collect logs from application pods.
- Worked on Kubernetes namespace, RBAC, Service accounts, Role Bindings, Configmaps, Secrets, Deployments, Services, Statefulsets, PV, PVC and Ingress to provide secure platform to customers.

### **Devops Engineer, 09/2017 to 01/2020**

#### **VVKAY Marine - AP, Visakhapatnam**

Project: ECDIS

Description: ECDIS is electronic chart display identification system for marine navigation.

- Implemented CI/CD tools automation process from Git to docker containers on AWS EC2 instances using Jenkins.
- Implemented best practices for docker containers.
- Wrote shell scripts to automate manual tasks like taking backups, environment health checks on AWS.
- Configured complete setup on AWS S3, VPC, Route53, ELB's, EBS, Snapshots, cloud-watch and RDS.
- integration operations to drive build/release failure resolution.

### **Devops Engineer & Systems Engineer, 05/2015 to 08/2017**

#### **Asristi (Startup) - Telangana, Hyderabad**

Project: Adromate

Description: Adromate is an e-commerce online application.

- Worked on linux system administration and infrastructure setup.
- Implemented CI/CD tools automation process from Git to docker containers on AWS EC2 instances using Jenkins.

## **SKILLS**

- Automation tools & technologies: Linux, Git, CI/CD pipeline, Jenkins, Docker's, Kubernetes, Elasticsearch, Fluentd, Kibana, AKS (Deployment), EKS, GKS, Terraform and Ansible.
- Webservers/Appservers: Apache, Nginx, Jboss, Tomcat
- Scripting Languages: Bash scripting (Shell), Python and Golang beginner
- DevSecOps Tools: BlackDuck, Veracode, Sysdig, sonar and HarshiCorp Vault.
- Cloud Technologies: Amazon Web Services & AZURE.

## **EDUCATION**

Bachelor of Technology,  
Electronics and Communications  
Engineering, 04/2015

#### **B. TECH | JNTUK**

Visakhapatnam

## **LINKEDIN**

<https://www.linkedin.com/in/koyiladarishi/>