Bhuminathan M

Devops Engineer

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in www.linkedin.com/in/bhuminathan46 ○ https://github.com/bhumi46

↖ https://hub.docker.com/repositories/bn46

Profile

- Around 2+ years of overall IT experience with 2 years of experience as an Trainee system engineer and 8 months as Associate system engineer.
- Problem-solving skills like troubleshooting, debugging or testing a new system
- Excellent working knowledge in UNIX and Linux shell environments using command line utilities.
- Optimizing Docker builds and ignoring files during Docker builds. Container logging, adding metadata with   labels, load balancing with containers,.
- Container orchestration using Kubernetes. Installing and designing Kubernetes clusters, running jobs and deploying pods
- Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker .
- Implemented CI/CD pipeline for application deployment using tools like Git, Jenkins, Docker, Kubernetes
- Written the Ansible YAML scripts to configure the remote servers
- Configured oberservation cluster in Mosip
- Configured wireguard server using docker images
- Provisioned Kuberenetes cluster using RKE binary

Certificates

PGP IN CLOUDCOMPUTING AND SYSOPS ⬈
NIIT

Professional Experience

Associate System Engineer
Precision Informatics PVT Limited

Skills

Programming
Python

OS
Linux, windows

CLOUD
AWS

DOCKER
Docker compose,Docker hub

Ansible
Playbook,Inventory
files,Modules

Rancher
RKE

CI/CD
Jenkins,GitLab CI/CD

Databases
MYSQL, MongoDB

LINUX
Bash Script,DHCP,DNS,Backup and Restore,User
Account management

AWS
IAM,EC2,EBS,RDS,S3,AUTOSCALING,ELB,VPC,CLOUD
FORMATION,CLOUDWATCH,CLOUD TRAIL,EKS,ECS

kubernetes
Kubectl,Helm

Git
Git hub Action

GitOps
ArgoCD

Education

2015 – 2019 Chennai, India	**B.E MECHANICAL ENGINEERING** *PERI INSTITUTE OF TECHNOLOGY* ⬈
2013 – 2015	**COMPUTER SCIENCE WITH MATHS	HSC** *SIVANANDHA SARASWATHI MATRIC HR SEC SCHOOL*
2012 – 2013 CHENNAI	**GENERAL	SSLC** *SIVANANDHA SARASWATHI MATRIC HR SEC SCHOOL*

Projects

MEDICAL INVENTORY SYSTEM AND INFRASTRUCTURE MANAGEMENT FOR HOSPITAL
Designed a Network to simplify deployment, maintenance, development, security and
availability
of organisation
TOOLS:GNS3,CISCO PACKET TRACER

APPLICATION INFRASTRUCTURE ON CLOUD

OBJECTIVES: Designed a cloud based solution to simplify deployment, maintenance, development, security and availability of Application along with necessary configurations to facilitate migration of on-premium
infrastructure.

TOOLS: AWS DEVOPS LAB,MYSQL,ANSIBLE,EC2,AWS CLI.

Deploying the instana/robot-shop

OBJECTIVES:

- Clone the Project using git clone instana/robot-shop
- Build the project,Build docker and Pushed to my dockerhub repository.
- Setup a minikube based kubernetes cluster,Deployed application and successfully Access the page from browser.
- And also Deployed and managed this robot-shop application in kubernetes cluster using RKE
- Created CI.yml using Github action for automation
- For Continues Deployment ,ArgoCD is used.

TOOLS:

- Ubuntu 20.04,Git,Docker,Minikube,K3s,RKE,ArgoCD

Languages

ENGLISH	● ● ● ○ ○	TAMIL	● ● ● ● ●
HINDI	● ○ ○ ○ ○		

Interests

- Music, Rubix cube,
  Travelling,
  Cricket,Carroms