

Mohammed Nisham

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SKILLS

PROGRAMMING

Proficient:

Kubernetes • Helm • Argo CD •
Kustomize • Terraform • JavaScript •
Angular • React • Express • Mongo •
Python • Java • Shell •

Familiar :

Android • SQL • Elasticsearch • PHP •
LaTeX • C++ •

ACHIEVEMENTS

- Certified Kubernetes Administrator - LF-I6mags4tc3
- Completed Stanford university Machine Learning course from Coursera

EDUCATION

COLLEGE OF ENGG. TVM

B. Tech in Computer Science
July 2017 | Trivandrum

KENDRIYA VIDYALAYA

Grad. May 2011 | Kozhikode

EXPERIENCE

FREELANCE | Devops Engineer

June 2020 - Present | Remote

Kubernetes, Argo CD, Docker, Gitlab CI/CD, Helm, EKS

BROKERME:

- Development and devops work, A freelancer portal where registered users may apply for relevant job offers from participating agencies.
- App is composed of multiple microservices, each on a separate k8s pod. Setup includes helm chart for different environments. Deployed on two GCP clusters.
- Setup self managed Argo CD server, synced with git repository for maintaining a sub application.
- Deployment of microservices into multiple environments integrated into gitlab CI/CD
- Optimized gitlab pipeline to run microservice build and test stages in parallel

EBMPAPST:

- Created scripts to setup an amazon EKS cluster from scratch and give permission to the cluster to required IAM entities.
- Created scripts to Deploy docker containers to pods within the cluster in a user namespace via Helm charts
- Integrated deployment stage into existing gitlab CI/CD pipeline

COMMVault | Senior Engineer II

Jul 2017 - Present | Bengaluru

Kubernetes, Angular, Java, Python, React

- For initial phase of containerizing existing services, set up kubernetes environment and deployed webserver microservice on it
- Lead developer for global admin console, enabling users to aggregate and maintain data from multiple CommServers without switching overhead.
- Redesigned backup view component as a calendar UI increasing customer interaction with the element.
- Involved in the initial phase for shift of frontend UI codebase from angularJS to react.
- Automated install and update of commvault software on remote machine with python scripts decreasing turnaround time.
- Developed python scripts for automated sandbox creation and form building increasing throughput.
- Implemented auto tracking of work items via Trello API for easier overview.

PERSONAL PROJECTS

WATERMARK MICROSERVICES PROJECT 2020

Asynchronous event-driven cloud native app created to learn microservices and kubernetes, deployed on a kind cluster.

ONLINE EASTER EGG HUNT 2016

Designed and developed a game, inspired by the book Ready Player One. Spanning the internet, involving puzzles, rhymes and cryptography.