

Mohammed Nisham

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SKILLS

PROGRAMMING

Proficient:

JavaScript • Angular • React
Express • Mongo • Python
Java • Shell • Typescript

Familiar :

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

ACHIEVEMENTS

- 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

Kubernetes, 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.
- Deployment of microservices into multiple environments integrated into gitlab CI/CD
- Optimized gitlab pipeline to run microservice build and test stages in parallel
- Added Ingress routes for newer microservices
- Built selenium UI testsuite from scratch running on Browserstack

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
- Setup Ingress for access to the deployed app
- Integrated deploy stage into gitlab CI/CD

COMMVault | Senior Engineer

Jul 2017 - Present | Bengaluru

Angular, Java, Python, React

- Lead developer for global admin console, enabling users to aggregate and maintain data from multiple CommCells (servers) 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

ONLINE EASTER EGG HUNT 2016

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

ROM PORTER TOOL 2013

A windows batch tool to automatically ports ROMs from one android device to another with minimal input. 25K+ downloads.