Muthukumar M.M

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**Work experience**

* Worked in SmarDTV Global technology as consultant from Aug 2018 to April 2020
* Worked in 3K Technologies as cloud engineer from May 2020 to till

**3K Technologies (May-2020 to till)**

* Working as cloud engineer and focused on the aws environment and on perm services.
* Using Jenkins build and deployment in the aws environment.
* Worked in the automation part.
* Provisioned kubernetes cluster in aws and onperm servers.
* Good knowledge in helm charts, operators ,EKS ,groovy,Ansible redis, elastic search, rabbitmq, postgrestde

**Project : Cloud migration to AWS**

**Description:** Project is based on the cloud migration to aws cloud and all the microservice are migrated to the EKS cluster**.**

**Responsibilities:**

* Worked with executive clients to define project parameters and goals.
* Meet business objectives by strategizing effective solutions.
* Plan and implement all stages of projects
* Provisioned of EKS cluster using the automatic build
* Implemented the Fluentd , metrics , redis using helm chart V3
* Integrated and Monitoring the cluster using sysdig , aws cloud watch and sumologic
* Worked with build and deployment microservices images
* Kubernetes installation in onperm servers and integration of nodes.
* Database backup using manual and automation.
* Worked in CI/CD pipeline for automation build.
* Troubleshooting and maintained the all kubernetes and aws services.
* Implemented the monitoring and logging tools in kubernetes cluster.

**SmarDTV global (Aug 2018 – April 2020)**

**Consultant**

* Working closely with quality assurance team and development team
* Manage ,creating and maintaining projects ,issues,workflow,user and plugins.
* Customization of workflows,Custom fields, screens scheme , permissions scheme , notifications, dashboards ,user management and issue type schemes
* Configure Atlassian products to the database and also worked in jira , confluence upgradation.
* Good exposure in migrating the issue , projects and also migrated the projects one environment to another in jira and confluence.
* Integrating jira with confluence,gerrit,fisheye,bitbucket
* Performed testing of new versions of tools for compatibility of project services
* Experience in automating the jobs in using Jenkins.
* Integrating the tools such as git,gerrit,Jenkins,jira,sonarqube,fisheye
* Knowledge in software containerization platforms like Docker and container

Orchestration resources.

* Worked in code analysis tools like sonarqube
* Basic scripting knowledge in Shell and python.
* Experience in amazon web service and good knowledge in EC2,

S3,VPC,loadbalancer,autoscaling,cloudWatch,IAM,AWS CLI

* Hands on experience in testing the new changes in the servers , application,

monitoring the applications and upgrading

Experienced in both windows linux environment . Good knowledge and understanding of database and application servers in a global production environment.

Experienced in working with version control systems like GIT and code review tools like gerrit, bitbucket and fisheye.

Having work experience in support of multi-platform like Linux, Ubuntu,Centos .

**Certification:**

* Certificated kubernetes Administrator provided by CNCF

**Operating system**

*Windows*

*Linux- Ubuntu, Centos*

**Software tools**

Git, Jira Administration , Gerrit, Jenkins, Confluence administration, sonarqube, fisheye, BitBucket ,Github,

Configuration management: Ansible, cloud formation

Cloud - AWS , Orchestration – Kubernates,Docker

Database **-** Posgresql,mongodb**,** mysql

Monitoring tools – Grafana , sysdig

Log management tool – Fluentd ,Graylog,sumologic

Education

* Completed my graduation in sri Eshwar college of engineering in Coimbatore.

**Personal Profile:**

Father’s Name : Mr. P.Manivel

Mother’s Name : Mrs. M.Manimekalai

Gender : Male

Date of Birth : 24/08/1994

Languages Known : Tamil, English (Read, Write, Speak)

Nationality : Indian

**PLACE**: Bangalore

**DATE:**

**(M.M.MUTHUKUMAR)**