

MAHESH MB

maheshmb7712@gmail.com , +91 7558964734, Kollam, Kerala

[Portfolio](#) , [LinkedIn](#) , [Github](#)

OBJECTIVE

My career objective is to develop my technical knowledge and to reach a good position in the organization where I work through my innovation and dedication

SKILLS

PROFICIENT WITH:

•Windows •Linux• Vmware •Servers Handling •Virtualization technologies •Python •Django •Git

FAMILIAR WITH:

• Docker • Kubernetes •CI-CD pipeline • React

EXPERIENCE

- Deputed to Vikram Sarabhai Space Centre(ISRO) in Sivavasu Electronics
Datacenter Technical Assistant Trivandrum,India | Dec 2024 – Present
- Deputed to Vikram Sarabhai Space Centre(ISRO) in Mini Electrical Engineering Works
Datacenter Technical Assistant Trivandrum,India | JUNE 2023 – Dec 2024
- Hashit solutions
Python developer Kochi ,India | JANUARY 2023 - JUNE 2023
- Vikram Sarabhai Space Centre(ISRO)
Datacenter Trainee Trivandrum,India | JANUARY 2022 – JANUARY 2023

WORK PROFILE

DEPUTED TO VIKRAM SARABHAI SPACE CENTER (WING OF INDIAN SPACE RESEARCH ORGANIZATION AS DATACENTER TECHNICAL ASSISTANT (June 2023 to Present)

- Handled around more than **300** physical servers of **IBM**(X3650,M2,M3,M4),**CISCO**(UCSC 240M4),**DELL**(PowerEdge R640, PowerEdge R730, poweredge R740, poweredge R720) **HP**(Proliant DL 360G7),**FusionStor**, **Exatron** , Configured **raid0, raid1,raid5,raid6** & installed several OS (vmware esxi 6.5,7,8,Ubuntu,CentOS,Debian,Almalinux ,windows10,11)

- Created **2 clusters** and managed **8 clusters** in **vmware** platform ,Also handled and created more than **200 virtual machines** and installed,configured Os like **linux**(ubuntu-18.04.2-live-server, ubuntu-18.04.6-desktop, ubuntu-20.04.1-live-server, ubuntu-20.04.3-desktop, ubuntu-22.04.1-desktop-, ubuntu-22.04.3-live-server, ubuntu-22.04.6-live-server)**Debian**(debian-11.0.0, debian-11.6.0, debian-12.2.0),**Almalinux**(AlmaLinux-8.7, AlmaLinux-9.2, AlmaLinux-9.4),**CentOS**(CentOS 7, CentOS-7.3, CentOS-7LiveGNOME-2003, CentOS-7Minimal-2003, CentOS-8.2.2004),**Red Hat**(rhel-server-7.9,rhel-8.4,rhel9)
- Configured managed storage solutions like **jbod, Petasan, Owncloud**
- Installation and managing of **windows 10,11,and windows server editions**
- Installation of **Active directory**
- Handled creation and managing of **users** ,Creation of **network share** in windows
- Configuring and **maintaining Linux Operating systems and Windows** platforms
- Monitoring of **veeam** backup solution ,Taking backup's of Virtual machines created on vmware virtualization platform
- **Installation, configuration,update and maintenance of VMware ESXI (6.5, 7 & 8). vCenter**(vcenter7.0.0,vcenter 7.0.3,vcenter 8.0.0,vcenter8.0.2, vcenter 8.0.3)
- **Installation, configuration update and maintenance of VMware DC-DR . Managed Installation, configuration update and maintenance of Site recovery manager(8.5,8.7,8.8,9.0,9.2),vSphere Replication(8.5,8.7,8.8,9.0,9.2)**
- Implemented **datadiode** technology in datacentre ,The one way communication system to establish data transfer in high level Security Environment
- Handled **owncloud** technology in datacentre, which is a storage solution help to access the files of users from a web interface
- Handled troubleshooting of vCenter and vCenter Appliances.
- Handled **VMware standalone converter(VMware-converter-en-6.2.0, VMware-converter-en-6.3.0, VMware-converter-en-6.4.0)** to Virtual, Virtual to Virtual.
- Managed ESXI Host Datastore, NFS, Jbod storage.
- Knowledge of Clustering and **High Availability**.
- Escalation and troubleshooting of low to moderate issues in VMware.
- **Install and arrange new equipment for datacentres includes**, physically upgrading internal system components (SERVER), Physical memory and hard drives.
- Configuring and implementing **LVM**
- **Hardware troubleshooting of Servers** (Dell PowerEdge R720,730&740,640 IBM X3650 M2,M3&M4,CISCO UCS C240 etc).
- **Configured RAID** on Data Center Servers (DELL, IBM, CISCO & HP).
- Making **clones from servers for backup** purpose.
- Configuring and maintaining **PetaSAN storage** cluster
- Developing web applications using **Python& Django**

HASH IT SOLUTIONS AS PYTHON DEVELOPER (JANUARY2022 to JUNE 2023)

- Worked on various projects on HashitSolutions (Industrial Projects) using python,flask Django and mysql
- Participated in the projects like ecommerce websites, payment web application

VIKRAM SARABHAI SPACE CENTER (WING OF INDIAN SPACE RESEARCH ORGANIZATION AS DATACENTER TRAINEE(JANUARY 2022 to JANUARY 2023)

- During the period trained in web based application development implementing web based application development using **HTML, CSS, Oracle Apex, JavaScript, React js, RESTAPI, Bootstrap Django, MySQL, SQLite, Cassandra; Nginx, Gunicorn, Eclipse, Netbeans, Visual Studio Code**
- Learned and implemented software defined storage solutions **Truenas and Petasan**
- implemented Devops and Microservices technology using tools like **Git Lab, Git, Docker**
- Learned server virtualization using **Vmware** and participated in Setting up of **disaster Recovery management system** used tools like **vcenter,esxi,srm,vr**
- Developed Application softwares for **VSSC Datacenter Management Automation and Server health monitoring System, Virtual Launch Control Centre, Bug Tracker** using **Django, React.js, Rest API, MySQL, Nginx, Gunicorn, Eclipse**
- Participated in the development and testing of VSSC and **ISRO website** using HTML, CSS, Bootstrap: Studied about Oracle apex low code platform and Developed applications; Studied about version control and participated in integration procedure of ISRO website using Git Learned and implemented Devops and Microservices technology

INDUSTRIAL PROJECTS

DATACENTRE MANAGEMENT SYSTEM

- A Django web application which is done for isro datacentre

Technologies used: Python,Django, JavaScript, Sqlite3,RESTapi,Html,css

BUG TRACKER .

- A Django web application which done for isro intranet websites

Technologies used:Python,Django, JavaScript, Sqlite3,RESTapi,Html,css

VIRTUAL LAUNCH CONTROL SYSTEM .

- A Django web application which done for vehicle launch analysis in isro

Technologies used:Python,Django, JavaScript, Sqlite3,RESTapi,Html,css

PERSONAL PROJECTS

GreatKart – An ecommerce web application.

- An ecommerce web application which I am constructing now
- Repolink:https://github.com/MAHESH-M-B/ecommerce_greatkart

Technologies used: Python,Django, JavaScript, Sqlite3,Docker,RESTapi,Html,css

OLX_clone – OIXclone using react and firebase.

- An OIXclone using react and firebase which hosted on firebase
- Repolink:https://github.com/MAHESH-M-B/Olx_clone
- Hosting_link:<https://olxclone-95308.web.app/>

Technologies used:React,Firebase.

Netflix_clone – Netflix clone using react.

- A sample Netflix web application using react and hosted on github.
- Repolink:https://github.com/MAHESH-M-B/Netflix_clone
- Hosting_link:https://mahesh-m-b.github.io/Netflix_clone/

Technologies used: React, GitHub

Techborg – Startup’s website.

- A startup’s website which done with my contribution.
- Repolink:<https://github.com/techborg/techborg-react-webhost>
- Hosting_link:<https://techborg.in/>

Technologies used: React, Firebase

Kochi_taxi– Startup’s website.

- A freelancing work which I am doing now.
- Hosting_link:https://mahesh-m-b.github.io/Kochi_Taxi_Website/

Technologies used: Html, Css, Github

EDUCATION

DIPLOMA – Computer and Engineering – **2017-2020**

GPTC VECHOOCHIA CGPA:7.8

HIGHER SECONDARY – Science – **2015-17**

GVHSS PATTAZHY PERCENTAGE:78

SSLC – **2015**

GVHSS PATTAZHY PERCENTAGE:94

STRENGTHS

- Problem solving
- Thinking outside the square
- Being a good team-player

REFERENCE

- SAJU S (Manager ,Datacentre& Supercomputing Facilities) ,VSSC,TRIVANDRUM

Contact details : 0471-2565585

- Muhammed (CEO of hash it solutions)Kochi

Contact details :+91859081221

DECLARATION

I hereby declare that all the information furnished above are true and correct to the best of my knowledge.

- MAHESH MB