

# MAHESH MB

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

## OBJECTIVE

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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

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### PROFICIENT WITH:

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

### FAMILIAR WITH:

• Docker • Kubernetes •CI-CD pipeline • React

## EXPERIENCE

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### •Deputed to Vikram Sarabhai Space Centre(ISRO)

Datacenter Technical Assistant

Trivandrum,India | JUNE 2023 – Present

### •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

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

- Handled around more than **300** physical servers of **IBM**(X3650,M2,M3,M4),**CISCO**(UCSC 240M4),**DELL**(PowerEdge R640, PowerEdge R730, powerededge R740, powerededge 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

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### 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

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**GreatKart** – An ecommerce web application.

- An ecommerce web application which I am constructing now
- Repolink:[https://github.com/MAHESH-M-B/ecommerce\\_greatkart](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](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](https://github.com/MAHESH-M-B/Netflix_clone)
- Hosting\_link:[https://mahesh-m-b.github.io/Netflix\\_clone/](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/](https://mahesh-m-b.github.io/Kochi_Taxi_Website/)

**Technologies used:** Html,Css,Github

## EDUCATION

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**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

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

## REFERENCE

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- 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