

MAHESH MB

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[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
- High performance Super computing cluster

FAMILIAR WITH:

- Docker • Kubernetes •CI-CD pipeline • React

EXPERIENCE

•Netweb Technologies India Ltd.

HPC System Admin

Trivandrum,India Feb 2025 – Present

•Deputed to Vikram Sarabhai Space Centre(ISRO) in Sivavasu Electronics

Datacenter Technical Assistant

Trivandrum,India | Dec 2024 – Feb 2025

•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

NETWEB TECHNOLOGIES INDIA LTD AS HPC SYSTEM ADMIN (June 2023 to Feb 2025)

- Handling 2.8 petaflop super computing cluster which including 178 computing nodes and more than 20 physical servers which are installed for Vikram Sarabhai space research center

DEPUTED TO VIKRAM SARABHAI SPACE CENTER (WING OF INDIAN SPACE RESEARCH ORGANIZATION AS DATACENTER TECHNICAL ASSISTANT (June 2023 to Feb 2025)

- 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,updation 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 updation and maintenance of VMware DC-DR . Managed Installation, configuration updation 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 (JANUARY 2022 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