**KALATHI M**

E-Mail: mano.kalathi[@gmail.com](mailto:kalathi22@gmail.com)

Cell: +91 9940272071

**RHCE Certificate No**: 130-086-051

**MCP ID:** MS0618276627

**Objective:**

Seeking a challenging opportunity in an organization where I can make optimum use of my knowledge and experience, which would enable me to improve my skills and strengths and also to the growth of the organization.

**Educational Details:**

* **B.E. in Electronics & Communication Engineering** from Kings Engineering College affiliated to Anna University, Tamilnadu in 2011 with 71%.
* **D.E.C.E** from Sri Sai Ram Polytechnic College, Tamilnadu in 2008 with 89%.
* **S.S.L.C** state Board from St. Thomas Higher secondary School, Tamilnadu in 2003 with 73%.

**Technical Skills:**

|  |  |
| --- | --- |
| Cloud Services | Amazon Web Services ( AWS ), Azure |
| DevOps Tools | Jenkins, GIT, Bit bucket, Maven, Terraform |
| Configuration Management | Ansible & Puppet |
| Container & Orchestration | Docker, AWS ECS and Azure Kubernetes Clusters |
| Scripting Languages | Bash shell and Python |
| Operating Systems | Red Hat Linux, Ubuntu, Centos , Suse & Windows ( Basics ) |
| High Availability Clusters | Veritas, Red Hat cluster and HP Service Guard |
| Ticketing & Collaboration | Jira, Service now, Confluence & Slack |
| Server less Computing | AWS Lambda |

**Professional Experience**

**Organization : Cognizant technology solutions India Pvt Ltd [May 2016 to Till date]**

**Project Details:**

Project : Sotheby’s international reality

Role : DevOps Engineer

* Working as DevOps Engineer, administrating and management of various AWS services like EC2, EFS VPC & peering, S3, Lambda, Cloud Watch, Cloud Trail IAM user management, ELB, Route 53, Elastic Container service (ECS) etc
* Implemented terraform to maintain infrastructure consistency across Dev, stage, pre-prod and prod Environments.
* Administration of Jenkins servers for user/plug-in management and helped developers to setup pipeline jobs for various builds and deployment activities using ansible/remote execution plug-in
* Administration and management of EC2 Linux instances ( Level 2 OS support ) and basic support for windows environment like user management, Disk addition etc
* Supporting various activities in Amazon **Elastic container service** (ECS) like cluster management, services, tasks and task definition and work together with developing team to develop Docker based application using Dockerfile along with EFS mounted drives.
* Developed ansible scripts to perform patching activities in Prod and non prod environments.
* Management of AWS ECR and code commit services where user pushes docker container images and terrafrom codes for infrastructure management
* Implemented Lights-Out policy in non-prod environments( shutdown of instances) during non-business hours & weekends and automated startup during business hours which directly led to an estimated cost savings in AWS.

**Project : Norton Internal Business Unit**

Client : Symantec software Chennai Ltd (DLF)

* Worked as System operation Engineer from customer location and supporting various Norton business applications which are hosted in Multi Data center On-premises and cloud environments (Azure and AWS).
* Involved in migration activities Azure ASM to Resource manager model and provided system operation support for server in on-premises and cloud environment.
* Experienced in Various cloud service in Azure like virtual network machines, Application gateway, Load balancers, NSG, traffic manager and storage account.
* Implemented run deck jobs and puppet scripts for routine activities, patch management and, application deployment through Jenkins server.
* Management of real time traffic through Traffic manager profile with different routing policies like weighted, round robin, performance and Geo-location
* Management of Users with limited access policy for various teams using RBAC roles
* Administration and maintenance of kubernetes cluster nodes ( worker ) and various components like pods, replication controller/sets, services, deployment update and rollout configuration and integration of Azure load balancers
* Configuration of Azure application gateways, management of backend nodes and SSL off loading/termination
* Configured Azure Container Registry with kubernetes cluster using service principle and deployed PODs with newer version.
* Co- ordinate and collaborated with application team for implementing Pipeline Jobs in Jenkins for CI and Continuous Deployment achieved though puppet Automation

**Organization : HCL InfoTech limited [Dec 2014 to May 2016]**

Project : CDR & ERP [BSNL Hyderabad]

Role : Senior System Administrator

* Worked as senior system administrator in customer location and involved **in Data center operation** like replacement of server hardware component in HP super Domes and Edge servers. Also provided multiple system operations such as installation, configuration, up gradation etc
* Management and administration of instances hosted in AWS environment
* Administration and management of HP-UX involved in advance NPAR/VPAR virtualization and integrity virtual machine activities
* Experienced in Cluster activities like resource group management, Fail over / Failback operations in HP service Guard, Veritas and Red hat clusters.
* Management of reverse proxy server load balancing internal request.
* Involved in storage activities like LUN addition, Multipath configuration , LVM/VxVM administration and Backup/restore of servers from Tape
* Experienced in configuring Various network services in Linux such as NFS, SAMBA, DNS, Proxy, DHCP, MAIL, FTP etc
* Automated Day to Day activities using Bash scripts and scheduled scripts in crontab to collect the logs related to analyze the Application performance.
* Improved Performance optimization of Linux Operating system and Tuned Linux kernel to meet application dependency

**Organization : CMC Limited [Feb 2014 to Nov 2014]**

Project : CRIS [Southern Railways, Chennai]

Role : UNIX administrator

* Worked as Unix Administrator as part of Southern Railway and involved in Various Unix system operation like installation, configuration, up gradation and Storage management activities.
* User Account Management and Group Management (Creation, Deletion and Modification).
* Monitoring servers and storage devices in data center and prepare system health check reports
* Involved in replacement of various hardware in Servers along with HP
* Management of HP ILO and collected logs from console , shared with Vendor for analysis

**Organization : Precision Informatics (M) Pvt Limited [July 2013 to Feb 2014]**

Role : Associate Customer Engineer

* Worked as Linux admistrator and involved in various system operation in Red Hat and Cent OS
* Management of Patches in Linux servers on regular basis
* Administration of user and group Management, Package management using YUM/ RPM
* Scheduling JOB in crontabs
* Shared Printers configuration in customer network using CUPS services

**Organization : Qualitronics (madras) private Limited [June 2011 to June 2013]**

Role : Service Engineer

* Qualitronics is security Surveillance Company installing security cameras, Video Door phones, Fire alarms, Burglar alarm, in nationalized banks, Offices, Malls and Residential aparments
* Worked as **Desktop Service Engineer**, Assembled High computers with imported DVR cards for CCTV surveillances and troubles hooted desktop related issues.
* Involved in footages collection from DVR and damaged hardisk as customer requested.

**Personal Profile:**

Name : **M Kalathi**

Father Name : S Manoharan

Date of Birth : 22 June 1989

Gender : Male.

Languages Known : Tamil

Permanent Address : No 7/23 Pallavan Street, Ambal Nagar

Ekkattuthangal, Guindy,

Chennai – 600 032

**Declaration**

I hereby declare that the above furnished information is true to the best of my knowledge.

**Date:**

**Place:** Chennai **M. KALATHI MANOHARAN**