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Anbazhagan Mannathan

***Phone:*** **+91** 9965604980 **/ +91** 7904858825 ***Mail***: **anbazhagan5050@yahoo.com**

***Address:*** No 38 Bajanai Koil street, Mullikulathur (Village & Po), Kanchipuram Dist, PCl-603109 ,TN / ***Nationality:*** **Indian**  
  
**Degree** - Master of Computer Application (Regular) with CGPA – 7.3 At SRM Valliammai Engineering College

**DevOps PROFILE**

**Apps & Infra Support** with extensive **(5 years)** experience In DevOps / Linux Administration/ Automation, Ability to develop and maintain close working relationships with any team. Self-learning team player who demonstrates initiative and flexibility. Trying to make a step into **DevSecOps** world.

**TECHNICAL SKILLS -** Projects https://github.com/gitanbu

**Operating Systems:** Red Hat Enterprise Server, CentOS, Ubuntu, Windows Servers

**Scripting:** Shell Scripting (BASH) & PowerShell basic commands

**Configuration management:** Ansible [**My Own Projects**](https://github.com/gitanbu/My-Ansible-Projects).

**Others:** LVM, NFS, Samba, Firewalld, iptables , DHCP, SSH,HAProxy, Keeaplived, SFTP, VMWare, KVM etc.

**Webservers:** Apache, Nginx.

**DevOps Tools:** Jenkins, ELK, GIT, GitLab/GitHub, Atlassian Suite , Nexus repository .

**Monitoring & Alerting**: HPOV, Moogsoft AIOps, and Prometheus & Grafana.

**Container & Orchestration**: Docker & Docker Swarm , Kubernetes with deployment.

**Databases:** MariaDB, not as a DBA.

**Languages:** English, Tamil (Native), Know to read French.

**Cloud**: AWS -> SNS Topic, cloudformation , cloudwatch, Fargate

**COURSES AND CERTIFICATIONS**

[**Click here to Verify My Certification**](https://www.redhat.com/rhtapps/services/verify?certId=150-086-403) - **Certification No - 150-086-403**

**RHCSA**  - Red Hat Certified System Administrator.

**RHCE** - Red Hat Certified Engineer.

**RHCSAA -** Red **Hat Certified Specialist in Ansible Automation.**

 **WORK EXPERIENCE**

**DevOps Engineer**

**June 2019 – Till Now**

**Work location – Chennai , India.**

Working in automotive sector, on a proactive team providing the highest level of DevOps Support and assisting Global DevOps with on call 24 \* 5 support.

**Daily tasks:**

* Project creation on **Jira , bitbucket , confluence Jenkins ,SonarQube and nexus** repository.
* Version upgrade the Atlassian products quarterly basis and troubleshoot them
* Handling Jira field , workflow ,screen , schema customization & **Keycloak** user administration.
* Handling IP whitelisting in firewall & Monitoring Cloud servers with **cloudform & SNS**.
* Software installation, Version upgrade and handling services using **ansible** playbook**.**
* **Kubernetes** multinode deployment using **Kops , kubespray and Kubeadm** methods.
* Administrating Kubernetes cluster , configure memory and quotas & version upgrade
* Troubleshoot application , installation & bamboo , Jenkins build issues.
* Migrated on-premises Atlassian tools to AWS cloud servers **.**
* Migrating on-premises standalone applications to Docker .

** Application Support Analyst**

**MAY – 2017 to May -2019**

**Work Location – Chennai,India.**

Worked at the US banking sector, on a proactive team provided the highest level of technical supported for global customer services with on call 24 \* 7.

**Daily tasks**:

* Docker container backup and restore the images and tagging
* **Docker Swarm** cluster and performing maintenance on docker swarm nodes.
* Desinged the Dockerfile and Assembly.yaml best practices as per application team to make Docker-Compose files from scratch & pushing images to registry.
* Container level health checks via **Grafana** - CPU, memory, network IO, disk IO usage, etc.
* Collecting logs via BXP CLI from **Elasticsearch** to find RCA.
* Installing and configuration of **nginx ,apache, tomcat**, etc…
* Creation of **SSL** Certificates / containers and all related tasks.
* Java middleware servers/http servers - performance and tuning and heap dump& thread analysis.
* Day by day investigation on strange issues in very critical applications and servers.
* Playbooks creation for automating various repetitive tasks with the help of various **Ansible** modules
* Creating application installation playbooks & **kernel upgrades** using Ansible with **shell scripting**.
* Implementing **Ansible** in development and pre-production environments.
* Manage **Jenkins** plugins, setting build trigger for multiple jobs.

**Customer Support Engineer at CMS IT Services Private Limited - Role (Data Center Operations)**

**Sep 2014 – Apr - 2017 - Chennai, India**

Worked for **National Stock Exchange India Ltd as a vendor**, given L2 level support with very critical systems. With on call 24 \* 7.

**Daily tasks**:

* Installing and configuring servers and decommissioning with RHEL 6.X & 7.X.
* Configuring and manage **RAID** levels 0/1/10 at hardware level and software level.
* File System management & **LVM** Administration and Configuration Network bonding options like active-backup, round-robin.
* **VCS Cluster** maintenance, Handling resource group and service group.
* Increasing Virtual machine RAM , Disk space as per user requirement
* Handling HP MSL 6480 & HP-MSL 8096 Tape Libraries, DAT, LTO & DLT tape Medias
* Handling Dell Chassis M1000e, PowerEdge 2950, HP ProLiant DL 380 Gen 9 Servers
* **Firmware upgrade** for HP Tape Libraries, DELL servers, and HP Servers through ILO & iDRAC
* Installing VERITAS NetBackup client, HPOV agent in all client machines & performed Critical backup activity using **Veritas NetBackup**.
* Load balancer setup using **HAproxy with keepalived** for Nginx Webservers.
* Provided support for creating user accounts, security privileges to specific users and process
* Setup and enable **SSH**, **FTP**, **NFS** server. Managed shared NFS files system, mounting and unmounting NFS server, NFS client on remote machine, sharing remote file folder, starting and stopping the NFS services.