RESUME

***Objective***

* *To seek a challenging position. To obtain expertise in all stages of my work as a committed professional and achieve excellence in development and support by delivering high quality of work.*

***Professional Experience – Total of 7.9 Years in Infrastructure / Cloud***

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| **Designation** | **Organization** | **Period** |
| *Technical Lead - SME* | *Trianz Holdings* | *Aug 20, 2019 – Till Now* |
| *System Specialist* | *FIS Global Solutions Pvt Ltd* | *Nov 19, 2018 – Aug 12, 2019* |
| *Lead Administrator* | *Wipro Limited - Chennai* | *Nov 25, 2016 – Nov 15, 2018* |
| *SSR* | *IBM India Pvt Ltd –Chennai* | *Jul 23, 2013 – Nov 24, 2016* |

***Technical Experience***

# Operating System and System S/Ws:

* **Operating Systems** Red Hat Linux (5,6,7,8),AIX(5,6,7), OEL (6,7), SUSE Linux (11,12)
* **Container Orchestration** Kubernetes, EKS & GKE
* **Scripting** Shell scripting.
* **DevOps Tools** Jenkins, GIT
* **Containerization** Docker
* **Cloud Computing** Amazon Web Services, Google cloud
* **Configuration Mgmt** Ansible
* **Monitoring Tools** Nagios Xi,Zabbix
* **Server Hardware** IBM power p series, Dell Blade Servers, Power4/5/6/7/8/9
* **Storage Hardware** IBM DS4k, DS5k, XIV, V7K,DS8K, TS3500,TS3310,TS3100
* **Compliance Tools** BigFix, Tenable
* **Storage**  NAS, SAN, Fabric Switches

* Experience configuring and maintaining Amazon Web Services which include services like Amazon EC2, ELB, Auto-Scaling,

**Professional Experience:**

* Experience Google cloud platform (**GCP**) services like compute engine, cloud load balancing, cloud storage,
* Experience in providing highly available and fault tolerant applications utilizing orchestration technologies like **Kubernetes** on Google Cloud Platform, AWS
* Experience in creating Kubernetes cluster with terraform templates and deploy them in AWS environment and monitoring the health of pods using **Helm** Charts.
* Managed **AWS, GCP** infrastructure as code (IaaS) using Terraform.
* Experience in Design & install & configuring the DevOps - CI/CD tools (GIT, Jenkins, Ansible & container technology) pipelines as per the client requirement.
* Experience in installing, manage & using the client tools i.e; kubectl, calicoctl, etcdctl, etc.
* Create & Manage the Namespaces & Resource limits.
* Experience in handling the Config, Maps & Secrets for resources.
* Create and handling the services objects for the deployments.
* Install & manage the Daemon-sets.
* Managing the Docker private Image repositories.
* Create & manage Pod security Policy & Network security policies.
* Supporting Customer's Linux query 24/7 and accomplishing task within the SLA time frame.
* Provide technical support to Production, Staging and Test environment.
* Automating day to day Linux jobs using Linux shell scripting.
* Providing redundant Ethernet support for customers using Ethernet bonding
* Scheduling the jobs using cron and creating new scripts for automating the jobs like compressing and moving the log files to a specific file system or a server.
* Sharing the NFS mount points and troubleshooting the NFS related issues
* Ansible playbooks for virtual and physical instance provisioning, configuration management, patching and software deployment.
* Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
* Configuring logical volume management (LVM) as per customer requirement
* Installation, configuration and hardening Linux servers.
* Experience in compliance remediation with corresponding CVE given from secops team
* AIX7.1, Linux (RHEL) OS installation, configuration and hardening the servers as per Client, LPAR, VIO , HMC , DLPAR , NIM
* Day to day system administration tasks such as , System Performance monitoring, Installation Packages and patches, Configure **NFS, NIM servers**.
* Kernel parameter tuning on AIX, RHEL according to the Application requirement.
* Scheduling the jobs using **cron** and creating new scripts for automating the jobs like compressing and moving the log files to a specific file system or a server.
* Work on assigned tickets which involves Interpreting hardware error codes and OS errors from error report to trouble shoot and fixing Hardware problems, **LVM** issues, server boot, hang issues.
* Installing cluster, configuring cluster resources, resource groups and defining their behaviors etc., Troubleshooting fall over, fall back issues, analyzing different hacmp logs to diagnose and finding root cause. Planning and configuration of LPAR/ D-LPAR
* Managing LPARs including configuration of virtual devices (Ethernet, scsi, fscsi), dynamically change LPAR resource configuration, configure and manage LPARs using HMC application.
* Performing installations using NIM master and Alt clone. Building NIM resources, recovering server using mksysb NIM resources etc.,

***Academic Profile :-***

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| **DEGREE** | **University** | **College Name** | **Pass out** |
| **MBA** - HRM | Bharathiyar University | School of Distance Education | 2016 To 2018 |
| **M.sc** - Electronics | Periyar University | Institute of distance education (pride) | 2016 To 2018 |
| **BCA** – Computer | Madras University | Institute of Distance Education | 2013 To 2015 |
| **Diploma** - ECE | DOTE - TamilNadu | Vel Tech polytechnic college | 2010 To 2013 |
| **SSLC** | CBSE | Kendriya Vidyalaya OCF | 2009 To 2010 |

# Personal Details :

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| ***Name*** | *Sakthivel* |
| ***Sex*** | *Male* |
| ***Age*** | *27 yrs* |
| ***Father Name*** | *Shreedharan* |
| ***Date of Birth*** | *5th May 1994* |
| ***Marital Status*** | *Married* |
| ***Address for Communication*** | *No : 18/1 Brindavan nagar , 3rd street ,Near CRPF camp*  *Avadi Chennai – 600065 Coutry – INDIA State - Tamilnadu* |
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***Place****: Chennai* ***Sakthivel Shreedharan***