**Jagadeesan Arumugam**

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**IT Infrastructure Architect and Kubernetes Administrator,** 18 years of overall experience and expertise in VMWare, AWS, Kubernetes Containerization, Docker, Helm Charts, Terraform, vSAN, vROps Hyper-V , Windows Server Administration, Microsoft Technologies (Active Directory). Experienced in organization acquisition, merger, divestiture, and technology implementation across organization. Experience in Inspur, DELL, HP Rack, Synergy and Blade Infrastructure.

**Professional Experience:**

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| **Title** | **Duration** | **Organization** |
| Staff Analyst, Singapore | 25th Apr 2022 to Present | Seagate Technology |
| Staff Analyst, Malaysia | 13th Aug 2019 to 24th Apr 2022 | Seagate Technology |
| Consultant | 10th Dec 2012 to 29th Jul 2019 | HCL Technologies Ltd |
| IT Analyst | 27th Jan 2011 to 30th Nov 2012 | Tata Consultancy Services Ltd |
| Engineer | 30th Sep 2009 to 17 Jan 2011 | 3i Infotech Ltd |
| Customer Engineer | 13th Jun 2005 to 29th Sep 2009 | HCL Infosystems Ltd |

**Certifications:**

* Certified Kubernetes Administrator (CKA)
* Certified Kubernetes Application Developer (CKAD)
* Kubernetes and Cloud Native Associate (KCNA)
* VMware Certified Professional 6 (VCP)
* Completed AWS Solution Architect on Plural Sight
* Completed Dev Ops Prerequisite Courses on KodeKloud
* Completed Kubernetes Challenges on KodeKloud
* Completed Shell scripting and Linux Courses on KodeKloud

**Skills:**

* Unix/Linux/Windows
* Networking Protocols
* GIT
* Deployment
* Docker
* Containers orchestration with Kubernetes
* AWS/VMWare
* Shell Scripting
* Terraform

**Work Experience:**

* Designing and Architecting On-Premises Datacenters, Remote Site Infrastructures.
* Management of Kubernetes Cluster using Rancher RKE
* Management of Harbor Private Registry
* To create the container infrastructure platform
* Coordinate with other internal teams to meet goals.
* Deploying, monitoring the applications in a Kubernetes environment
* Good experience with helm charts deployments, writing manifests files to deploy k8s objects/microservices.
* Experience is building the Docker Images using the Docker files and container-based deployments in k8s.
* Hands on experiences on various hardware, Hyper Converged Infrastructures, Rack Servers, Blade Servers, SAN & NAS Storages, Network Gears, Tape Libraries.
* Expertise on IT Infrastructure Applications, Active Directory, DHCP, Exchange E-mail Servers, File Shares, Terminal Servers, Printing Services etc.
* Hands on experience on hypervisors, VMWare, Hyper-V.
* Migration of Physical Servers to Virtual Servers to VMware and vice versa.
* Hands on experience on DR setup and execution using VMWare Site Recovery Manager.
* Design and architect of VMware vSAN stretched cluster and running the factory workloads on them.
* Setup Windows S2D clusters and configure the roles and maintain the CIFS permissions.
* Having Knowledge in Terraform

**EDUCATION:**

* **B.C.A** (Bachelor of Computer Education in Distance Education) in University of Madras, Chennai (**2007 -2009**)
* **DEEE (**Diploma in Electrical and Electronics) in Murugappa Polytechnic Institute (**2002 – 2005 with 85%**)