



## CURRICULAM VITAE

**V.S. Sivakumar**

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### **Experience Summary**

Having over 16 years of professional experience in Information Technology with strong exposure in installation, configuration and administration of RedHat Linux,SUSE, and other Unix flavours.

Having 4 years experience on **OpenShift, VMWARE TANZU, IKS** Kubernetes Administration.

### **Qualifications & Certifications**

- **Certified Kubernetes Administrator (CKA)**
- **Google Cloud Certified Professional Cloud DevOps Engineer**
- **Redhat Certified System Administrator(RHCSA-RHEL8)**
- Cisco Certified Network Associate (CCNA).
- Diploma in Mechanical Engineering from S.B.T.E&T, Hyderabad.

### **Technology**

Operating Systems	: RHCOS,Red Hat Linux & SuSe, Cent OS Ubuntu, AIX 5.3
Container Technology	: Kubernetes,Openshift,Tanzu,IKS
Networking	: (NFS,NIS, DHCP,DNS,TELNET,FTP)
Version control Tools	: GIT,CVS, Subversion,
Configuration Management Tools	: Ansible, Bigfix
CI tools	: Jenkins

### **Professional Experience**

#### **IBM India Ltd**

**Project** : KSTP,CCEP,ABB, Sony Electronics & Telstra  
**Period** : Feb'2016 to till date and Aug'2012 to Dec'2014  
**Designation** : SME -Subject Matter Expert

#### **Project Description:**

- Installing and configuring RedHat OpenShift and Tanzu Kubernetes clusters ensuring high availability and scalability.
- Upgrading Open Shift, Tanzu and IKS clusters as recommended.

- Installed and configured the Monitoring tools for Kubernetes (e.g. Prometheus, Grafana).
- Configured required resources as per Application team requirement Config maps, Services, Ingress ,Replication controllers etc.
- Managed Micro Services with analysed resources allocation to avoid any OOM and CPU throttling events
- Closely worked with Development and Application teams to troubleshoot and resolve application and infrastructure issues.
- Monitored and maintained K8s cluster security, including patch management, vulnerability assessment, and access controls.
- Conducted regular cluster audits and performed troubleshooting to resolve performance and scalability issues.
- Implemented RBAC (Role-Based Access Control) policies to enforce security best practices.
- Managing the team with assigning the technical tasks and supporting business in production Environment.
- Administration of RHEL 5,6,7 and 8 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
- Administrating Ansible tower and performing daily activities through Ansible tool.
- Working on delivery transition project plan covering the following phases: early engagement, Transition, KT, Handover Shadowing and Go-live, ensured seamless account and services transfer.
- Working closely on Risks/Gaps in Client Environment.
- Working on problem tickets and providing root cause analysis for all Sev1 and Sev2 tickets
- Working under ITIL framework of Incident, Change and Problem management.
- Analyse the Performance of the Linux System to identify Memory, disk I/O and network problem.
- Decommissioning the servers as per Process.

### **TATA Consultancy Services:**

**Project#1:** Agilent Technologies, TCS Certifying Authority, TCS Unix Remote Server support

**Period :** May'2007 to July 2012

**Designation:** Assistant Consultant

**Role:** Team Lead - Linux

### **Project Description:**

- Agilent technologies Data centre operations and production server 24x7 Environment support.
- Problem determination, Investigate, Troubleshoot and break-fix on time to fix the bottlenecks and resolution on 24x7.
- Pre-configurations and Firmware up-gradations on DELL, Linux and HP-UX servers, HP blade cassis's.

- Redhat Enterprise Linux installations, Configurations, Performance tuning, Health monitoring, Server hardware maintenance and Vendor coordination.
- New Server Builds Physical and Virtual VMware ESXI environment creation.
- Add, Modify and Delete user/group accounts and set up a user's work environment.
- Installation and configuration and Troubleshooting of NIS, NFS,
- (LUN creation and LUN mounting on UNIX clients, Managing NFS and CIFS exports)
- System software Installation, Configuration, Troubleshooting and day to day backup activities.
- Logical Volume Management-LVM in Linux, Redhat Clusters Administration, Server patching, Package installations using RPM, YUM and Up2date.
- Infrastructure architectural reviews, Capacity planning
- Managing all Unix Servers Such as Solaris, Red Hat Linux and AIX across TCS Chennai
- Conducting BCP drill and DR tests as per project requirements
- Maintaining LPAR's in AIX & LDOMS in Solaris 10

#### Achievements:

- Have got Appreciation from the Auditors w.r.t Systems Management and Securities.
- Successfully Completed Three Annual Audits without any Observation.

#### **Net Link Software Group:**

**Period** :Oct'2006 to Mar'2007

**Designation**:System & Network administrator.

#### **Job profile:**

- Installing & Configuration of Fedora Core 4 & Redhat Linux servers.
- Installing & Configuration of Cisco Routers, Switches & Leased Lines.
- Installing & Configuration of Windows 2000 & 2003 Servers (Active Directory Services,DNS,DHCP,VPN etc).
- Installation & Configuration of Java, Tomcat 5.0 & Java Web service development packs on Linux
- Remastering DSL Linux as per our project requirement.

#### **Nipun Net solutions(P)ltd:**

**Period**: July'05 to Sept'06.

**Designation**:Systems & Network administration.

#### **Job profile:**

- Installing & Configuration of Fedora Core 4 & Redhat Linux servers.
- Installing & Configuration of Cisco Routers, Switches & Leased Lines.
- Installing & Configuration of Windows 2000 & 2003 Servers (Active Directory Services, DNS, DHCP, VPN etc).
- Designing & Implementation of Network Infrastructure for Clients.
- Databases installation on Linux servers (Oracle & mysql).
- Data synchronization with remote servers with RSYNC process (SSH Keygen).

**Net Devices India Limited:**

Period: Mar'05 to June'05.

Designation: System & Network Administrator

**Job Profile:**

- Installing & Configuration of Cisco 1800 series & Linksys wireless router.
- Installing & Configuration of Fedora Core 3 & Redhat Linux servers.
- Configuration of VLANs on Layer 2 Switch & Router
- Installing & Configuration of Samba , NFS & DNS server
- Installing & Configuration of Send mail with Majordomo.
- Installing & Configuration of Open VPN server on Linux & windows.
- Data synchronization with remote servers with Unison Software.
- Managing of User & Group accounts, restricting by file permission & quotes.

**Metaminds Software Solutions Limited:**

Period: March'2004 to Mar'2005.

Designation : Senior Network Administrator.

**Mac Info(P) Ltd:**

Period: August 2000 to Mar' 2004.

Designation: Network/System Administrator

**Job Profile:**

- Installing & Configuration of windows 2000 & 2003 ,RedHat linux & AIX Unix Servers.
- Installing and Configuration and Maintaining LINUX Servers (DNS, MAIL, NAT, PROXY SERVER).
- Installation & Configuration of DHCP,DNS,IIS on windows-2003 server
- Installing & Configuration of Internet Security & Acceleration (ISA)-2000 Server.
- Installation & Configuration of CVS Server on Redhat linux.
- Installation & Configuration of SQL Server on Windows -2000 Server.
- Installation & Configuration of Java,Tomcat 5.0 on Linux & Windows.
- Managing of User & Group accounts, restricting by file permission & quotes.

**Personal Details:**

Father's Name : Viswanadham  
Marital Status : Married  
Languages known : English, Telugu, Hindi  
Passport Number : G3231868  
Current Location : Hyderabad

Date:

Place: Hyderabad

**(V.S.SIVA KUMAR)**