

## CURRICULUM VITAE

SURESH KUMAR RAAJENDIRAN

E-Mail : [suresh7355@gmail.com](mailto:suresh7355@gmail.com)

Mobile :+91-7338323933



### Summary

- A competent IT professional with 10 years of experience including Devops and Cloud Infrastructure. Experience in Cloud Automation
- Excellent hands-on experience and strong understanding on Virtualization (VMware, Hyper-V), System Center Virtualization Manager (SCVMM), Zerto Replication, Storage, Microsoft Azure Cloud, AWS, Tripwire, Terraform and DR orchestration Movement
- Excellent hands-on experience in experience in designing, improving and implementing build and release pipelines, and architecting, migrating and maintaining the cloud-based infrastructure for large-scale JAVA/J2EE Web Applications.
- While working and developing in build and release engineering roles, I have acquired rich hands-on experience and expertise in maintaining high availability Continuous Integration/Continuous Delivery infrastructure by coordinating with product owners, architects and developers to find the best solution for services on the AWS platform.
- Expert working knowledge of Amazon Web Services, including EC2, RDS, S3, VPC, ElastiCache, IAM, CloudFront, CloudFormation, Route 53, EC2 Container Service, Code Deploy, Code Commit, CloudWatch, CloudTrail, Certificate Manager, Secret Manager & Simple Notification Service (SNS) for supporting and building the cloud infrastructure.
- Hands-on experience in working on Jenkins, Git Terraform (provisioning tool), Ansible (configuration management tool) and Docker with AWS ECS Orchestration Container Management.
- Extensive experience in Test Planning, Test Design, Execution, Data collection for defects.
- Experience in PowerShell, Shell Scripting, Python, Rest API, Tik/Tcl

## Work Experience

**Current Company:** IBM INDIA LTD, Bangalore.

**Designation:** DevOps and Cloud Solution Architect (IBM Cloud Resiliency Orchestration).

**Period:** 15 DEC 2017 to till date.

- Providing Highly Available and Scalable Infrastructure for Web Application.
- Monitoring the performance of Application Server and Database Server.
- Managing the infrastructure of applications and Database on Cloud Suggesting the best possible services of cloud as per requirement.
- Integrated Jenkins through Bit Bucket \ Git repository authentication.
- Automated Build process Using Jenkins and Maven.
- Set up Log Shipping, Replication, Mirroring & Always On. (MSSQL 2017).
- Experience with REST based Microservices, Load balancer, Firewalls and Troubleshooting.
- VPC environment setup.
- Handling Automation for Our Web Application, Enterprise applications through Chef and Ansible.
- Creating and deploying terraform template for major cloud providers.
- Implementing and managing Kubernetes and docker infrastructure.
- Installation and management for Build Pipeline with Jenkins for Build And release (with pipeline as code).
- Automating the build and deployment process using Jenkins (Continuous Integration and Continuous Deployment Pipeline)
- Auto-scaling of EC2 Instances.
- Evaluating performance of EC2 instances their CPU, Memory Usage, IOPS, Network Usages and suggest appropriate instance type for the same.
- Integrating Nagios with Cloud metrics for monitoring.
- Managing Security groups, Routing Policies and ELB's.
- Writing scripts using CLI and SDK using bash to automate the tasks.
- EBS Volumes management and snapshots for backups using scripts
- Managing multiple services in like IAM, SQS, SES, SNS, S3, Glacier, Route53, RDS etc
- Automation in cloud using Chef, Puppet, Jenkins Management

**Previous Company: Team lease Services (MICROSOFT GLOBAL DELVIERY SERVICES LTD)**

**Designation: Global Delivery IT and Lab Engineer.**

**Period: 27 Apr 2016 to 13 Dec 2017.**

- Hands-on experience in Azure PAAS, IAAS.
- Hands-on Power Shell scripts on implementing Orchestration.
- Configuration and implementation of Hybrid Cloud Environment
- Worked on azure web apps.
- Hands on experience in app service environment.
- Hands on experience in Traffic manager and Various routing methods.
- Worked on Migrations such as Physical to Cloud, Virtual to Cloud, with various tools like Microsoft Assessment and Planning.
- Deploying VNET, Storage accounts, Availability sets and load-balanced Endpoints.
- Site to Site VPN Connectivity between On-Premises to Azure.
- Point to Site VPN Connectivity between On-Premises to Azure.
- Creating users and registering applications in Azure AD.
- Hands experience in creating a virtual machine in Hyper-V and VMware Platform.
- Preparing pre-requisite documents (VHD-Checklist: Size) for migrating On-Premises.
- Managing & Monitoring Audit logs in Azure.
- Managing and monitoring Azure virtual machines.
- Proficient experience Microsoft Azure Infrastructure Solutions, Azure backup services. AZURE Site Recovery Knowledge in Azure ARM Template.

### **PREVIOUS EXPERIENCE:**

**Current Company: Wipro Limited, Bangalore.**

**Designation: Sr. Engineer – Server Management.**

**Period: 02 Dec 2013 to 25 Apr 2016.**

- Managing windows servers which are hosted on Azure & AWS cloud.
- Configure the Cloud Management service, and to monitor and manage the services.
- Deploying and operating AWS, specifically VPC, EC2, S3, EBS, IAM, ELB, Cloud Formation and Cloud Watch using AWS Console,
- Creating MFA access for the users.
- EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
- Creating S3 buckets and managing policies for S3 buckets with versioning.

- Configuring Azure virtual machines and disks Storages, Managing and monitoring Azure Virtual Machines.
- Working with Windows servers 2012.
- Installing and configuring WSUS applying patches monthly wise.
- Installing security tools like Cylance, trend micro, tenable, Tanium.
- Supported Windows Server 2012, Active Directory, DNS and DHCP, Group policies, and troubleshooting issues.
- Supported Esxi servers, vSphere, Vcenter Server, creating Virtual Machines, Clones, Templates, Snapshots vmotion, svmotion, p2v. Analyzing and troubleshooting the performance of CPU, Memory, Disk, Nic cards on VM.

**Company:** C-EDGE Technologies Ltd, Chennai.

**Designation:** Engineer ITES Operations.

**Period:** 15th Oct 2012 to 30 Nov 2013.

- Creation, Management and Configuration of Virtual Machines, Clone and Templates.
- Customizing guest operating system on Virtual Machines.
- Snapshot manager and restoring a snapshot. Managing Tasks, Events and Alarms.
- Was responsible for installing configuring and troubleshooting on Linux, Windows NT/Windows 2000/2003 and 2008 servers using enterprise standards.
- Support internal & customers on the VMware VDI solution
- Troubleshoot alerts from monitoring system for system error conditions (system down, disk full, CPU busy, memory full etc.)
- Troubleshooting Performance issues for the end users hosted on VDI machine.
- Monitor and maintain Symantec NetBackup.
- Monitor and maintain Anti-virus, All system backups of OS, database and applications
- Open cases and following with Hardware vendors of all devices and failures.
- Reporting, Documenting and RCA of IT infrastructure problems.
- Excellent experience of server hardware, software, devices and protocols.
- Excellent troubleshooting skills both with hardware and software in Linux and windows environment.

**Company: Onward E-service Private Ltd, Chennai.**

**Designation: System Support Executive**

**Period: 05Mar 2009 to 12 Oct 2012**

- Check Status & update Critical Assets (Like Servers and N/W devices) on a daily basis..
- User management in ADS Server (Like add and remove users & group permissions).
- Maintain daily asset (Like RAM & PCs) details (In & Out) from IT to Stores (PLC Dept).
- Track and maintain documentations of software (Like MS Office Package etc.)
- Remote Desktop through Lync, Net Meeting Team viewer tools, X manager and VNC viewer.
- Configure and update Antivirus Server and Clients.
- Take Backup for different Segments in tape drives.
- Installing several Local and N/W printers on user machines.
- Handle & resolve calls related to H/W or S/W issues.
- Installation and Troubleshooting on Windows XP, windows 7, win 2003 Win 2003 server and win 2012.

### Education Profile

- **BCA** from **DRBCCC HINDU COLLEGE (Madras University)**, Chennai.
- **HSC** from **Don Bosco HR Sec School**, Chennai
- **SSLC** from **Don Bosco HR Sec School**, Chennai

### Personal Profile

- **Present Address: 218/A, Kanchipattinam - Color Homes Villa**  
**Karai village.**  
**Bangalore – Chennai Highway,**  
**Kanchipuram – 631552.**
- **Passport Details : J8521898.**
- **Pan card : CSNPS6088K.**

### Declaration

I hereby declare that all the statements made in this application are true & correct to the best of my knowledge & belief.

Date:

Place: Chennai

R. Suresh Kumar