Highly motivated and Skilled IT Infra Projects Lead, EUC Architect, AWS Certified, Azure Certified Cloud Architect, DevOps Engineer, Certified MCSE (Windows 2012, SharePoint, Office 365) and Citrix Engineer.

20+ years of Industry experience in IT Enterprise environment with strong technical and functional knowledge in Cloud Solution, Client/Server technology, Virtualization, Hypervisor Platform, Storage, and Networking background with a proven ability to build and manage creative, highly energized, focused teams.

Highly skilled Azure DevOps Engineer with 3+ years of experience designing and implementing CI/CD processes, automation scripts, and security policies. Optimized deployment time, pipeline reliability and security incidents

CONTACT ME

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KEY SKILLS

- Azure | Azure Virtual Desktop
- AWS & GCP Administrator
- Citrix (Virtual Apps and Desktops)
- Microsoft Active Directory and LDAP
- Nutanix, VMWare ESXi & vSphere
- Microsoft Hyper-V
- ITIL, PMP and TOGAF
- PowerShell, Bash Shell Scripting
- Linux Admin, Open-Source products
- Database (MSSQL, MySQL, Oracle)
- MS SharePoint Administrator
- MS Exchange Server
- Azure DevOps, Kubernetes & Docker
- EUC – M365, Intune, Autopilot, MS Teams, OneDrive, Skype for Business.

Gunaseelan Madhavan
IT INFRASTRUCTURE Engineer, EUC & Cloud Engineer
www.ApexDigits.com

PROFESSIONAL EXPERIENCE

✓ *Cognizant Technology Solutions • UK • Dec-2008 - Present*
✓ *GFT Technologies • Trichy, Tamil Nādu, India • Aug-2004 – Nov-2008*
✓ *DSM Soft (P) Limited • Trichy, Tamil Nādu, India • Aug-2002 – July-2004*

EDUCATION & IT CERTIFICATIONS

Bachelor of Engineering: (Electronics and Communication) – Bharathidasan University, Trichy, Tamil Nādu, INDIA (1995 – 1999)

- AWS – Cloud Practitioner & Specialty Security
- Azure – Administrator, Solution Architect & Security Engineer.
- MCSA Windows Server 2012 (70-417)
- Enabling Office 365 Services (70-347)
- Managing Office 365 Identities and Requirements (70-346)
- Advanced Solutions of Microsoft SharePoint Server 2013 (70-332)
- Core Solutions of Microsoft SharePoint Server 2013 (70-331)
- Red Hat Certified Engineer – RHCE v 4.0
- ITIL V2 Foundation Certified
- Course Completion: PMP EXAM PREPARATION COURSE
- Course Completion: MS Project 2010 for Project Managers

TECHNICAL SKILLS

AWS - (VPC, EC2, S3, EFS, Glacier, CloudWatch, IAM, RDS, Route53, SNS, SQS, Cloud Formation, Migration)

GCP - (Compute Engine, VPC, Storage, Kubernetes Engine, Cloud SQL, IAM, VPN, Load Balancing, Migration)

AZURE - (Azure VDI (Azure Virtual Desktop), Intra ID (Azure AD), Compute, Networking, Containers, Databases, IAM, Storage, Web, Security, Intune, Migration)

Virtualization: Nutanix (AOS, Files), VMWare Esxi, vSphere, MS Hyper-V, Docker

Citrix: Virtual Apps and Desktops, Analytics, Director, WEM, Policies, IAM, Integration.

Microsoft: Windows Servers 2008, 2016 and 2019, SharePoint, Exchange Server, Active Directory, IIS, MS SQL, DFS, DNS, Sites and Services, VPN, Security, GPOs, PowerShell

Containers & Orchestration: Docker, Kubernetes Engine, GKE, EKS, OpenShift

Database Administration skills: MS SQL 2005 – 2016, MYSQL and Oracle.

Configuration Management Tools: Ansible, Terraform, Helm

Open-Source: Hands on experience in Red Hat, SuSE, CentOS Linux administration.

Good Understanding of Site Reliability Engineering concepts like Defining Measuring and improving reliability Metrics (**SLO/SLI**) **Error Budgeting**, Ops process (**Incident, Problem and Change Mgmt**.) and streamline/automate Release Management.

Scripting: PowerShell, Shell (Practicing Python and administration related coding)

Project Management skills: Planning and Change Management, Tools – Service Now, Trello, Azure Devops and knowledge on Agile for Task Management, Design tasks.

Good Understanding of **The Open Group Architecture Framework (TOGAF)**

❖ **Technical Architect/SME (Cloud Design and Implementation Experience)**

▪ *Design and Architect: Azure*
  - ✓ Implemented Azure DevOps security policies. (Part of design team)
  - ✓ Maintained Azure DevOps automation scripts. (Involved in development too)
  - ✓ Collaborated with cross-functional teams to design and implement Azure DevOps CI/CD processes.
  - ✓ Strong knowledge in Azure DevOps source control repositories, reducing merge conflicts Azure DevOps monitoring and alerting, reducing downtime, and improving system availability.
  - ✓ Strong knowledge in Azure DevOps pipelines and build processes, resulting in a reduction in build time and increase in build success rate.
  - ✓ Strong knowledge in Azure DevOps deployment automation, reducing deployment time and improving deployment success rate.
  - ✓ Strong knowledge in Azure DevOps infrastructure as code, resulting reduction in infrastructure provisioning time and a increase in infrastructure reliability.

▪ *Implementation Experience: Multi-Cloud*
  - ✓ Experienced in Cloud Computing Technologies like Azure, Azure AVD Solutions, AWS and GCP covering wide range of services in Compute, Networking, Security, Database, Storage, Monitoring, Serverless etc.,
  - ✓ Skilled in creating and maintaining infrastructure using Terraform.
  - ✓ Hands on Experience with Google BigQuery Project.
  - ✓ Strong Knowledge in Container Orchestration and in building, Maintaining and Deploying and Monitoring GKE, EKS and OpenShift Kubernetes clusters.
  - ✓ Managed Azure DevOps Services Virtual machines, SQL databases, Application Integration, Azure Active Directory, Azure development, deployment, cloud services and storage.
  - ✓ Experienced in Azure lookup, DNS, VPN, Subnets and Azure VNet.
  - ✓ Worked with deletions and updates of Azure resources.

❖ **Technical Architect/SME (Wintel, Active Directory, PowerShell):**
  - ✓ Periodically perform internal assessment to assure compliance with controls.
  - ✓ Monitoring and performance tuning for both AD and Windows OS including connectivity, synchronization, replication, net logon, time services, FSMO roles, schema, NTDS DB partitions, DNS, SRV records, certificate authorities (CA).
  - ✓ Provide operational guidance and served as a central escalation point for all Microsoft server related technologies such as, but not limited to: Active Directory, Group Policy, AD Trusts, AD Sites and Services, Microsoft Identity Manager, PowerShell DSC, Puppet for Windows, Time Synchronization, DNS, DHCP, and DFS
  - ✓ Experience in advanced scripting skills in PowerShell and the ability to read code and automate daily activities.

❖ **Technical Architect/SME (Microsoft SharePoint, M365 and SCCM):**
  - ✓ Microsoft SharePoint 2013 Administration and Migration
  - ✓ Microsoft 365 Administration and Skilled in Windows Exchange server.
  - ✓ Microsoft System Center Suite projects including VMM, SCCM and SCOM

- ❖ **Lead Engineer/SME (Citrix Virtual Apps and Desktops (Cloud & 7.x | Azure Virtual Desktop (AVD))**
  - ✓ Designed, Implemented and Maintained CVAD, Citrix Policies, Citrix Cloud, Citrix Cloud Connector services, PVS, Workspace, WEM, Analytics, Director, Storefront services, Gateway, & ADC (Citrix NetScaler), SCCM and App-V.
  - ✓ Migrations of on Prem Citrix Virtual Apps and Desktop service to Citrix Cloud.
  - ✓ Deployed Apps and Desktops using MCS and VDAs in Microsoft Azure.
  - ✓ Architect User Profile Solutions with MS FSLogix in hyperconvergence environment with Nutanix Files & AppSense.
  - ✓ Experienced in Designing, Implementing and Managing XenApp 6.5, 7.x, XenDesktop 7.x with MCS and PVS, Machine Catalogs, Delivery Groups
  - ✓ Maintaining Machine Catalog with UpToDate version of Master Images.
  - ✓ Monitoring & troubleshooting the issues in VDI platform using Citrix Analytics and Director. Further optimization using SysTrack tool analysis.
  - ✓ Administering Azure AVD with Azure Portal, providing access to remote applications, desktops and adding VMs to Host Pool, Active Directory (Intra),
  - ✓ Creating custom master VMs and deployed to Azure Gallery for further deployment of VMs, Patching Azure Master VMs.
  - ✓ Administering Azure AD Domain services, Creating Users, Security Groups, OU Structure, GPO.
  - ✓ Administering and conditioning access enrolling compliance and non-compliance mobile devices within Azure Azure MS Intune, provisioning security and policy certificate; wifi/vpn profile access to the mobile devices.
  - ✓ Administering FSLogix User Profile Management Azure AVD (WVD) Environment.
  - ✓ Excellent knowledge in MDM, Intune. Configuring MAM apps with standard settings for corporate date use.
- ❖ **Win2016/Win10 VDI Solutions (Citrix – MCS & PVS, Azure, VMWare Horizon)**
  - ✓ VDI Desktops with Multi-Sessions, Single Session including non-persistent & persistent VMs hosted in VMware, Nutanix, Citrix (MCS and PVS) and AVD.
  - ✓ Hands on experience in Win2016/Win10 Master Image solutions using Citrix App Layering, Azure Marketplace Images.
  - ✓ VDI application solutions using App-V and Appx Attach.
  - ✓ VDI User Profiling solutions using Ivanti AppSense and Microsoft FSLogix.
  - ✓ NVIDIA GRID License server setup and configuring VDI VMs for license.
  - ✓ Hardening the OS as per CIS standard and managed through GPO.
  - ✓ MS Windows & Office Patches, WSUS. Security Vulnerability System – Qualys
- ❖ **Lead Engineer/SME (Hypervisor Platform – VMWare, Nutanix and Hyper-V) VMWare Experience**
  - ✓ Installed, Configured, and maintained VMware vSphere, vCenter and ESXi.
  - ✓ Implemented, deployed, and configured multiple vSphere hosts and clusters and administered vCenter Server and its components.

- ✓ Managed and monitored virtual machines and virtual environment for smooth operations and implemented tasks automated solutions using PowerShell.
- ✓ Monitored performance, security and resource utilization of virtual infrastructure and recommended changes as needed.
- ✓ Managed and updated active directory objects, firewall rules, User accounts ACL and relevant group policies.
- ✓ Implemented strategies for cloud computing with VMware. Assisted in networks management for virtualization and DR planning and execution.
- ✓ Collaborated with other engineers and IT staff to identify and resolve complex issues. Provided technical support to end users and other IT staff members.

Nutanix Experience

- ✓ Configured and Managed Nutanix Cluster Management, Cluster Configuration, and Integrated Data Protection.
- ✓ Installing and configuring Nutanix Prism Central and Prism Elements.
- ✓ Configuring and managing VMs on Prism Central and Prism elements.
- ✓ Expanding the existing cluster by adding new nodes.
- ✓ Managing templates to create golden images, Creating VM's.
- ✓ Upgrading Prism central, AOS, AHV, NVIDIA Firmware and FSM using LCM/Upgrade software.
- ✓ Swapping the Disk drives across the clusters to manage storage resources.
- ✓ Troubleshooting ADS issues for VM's migration related issues.
- ✓ Managing and troubleshooting issues related to Nutanix file servers.
- ✓ Creating alerts/alarms/reports based on customers' requirements.
- ✓ Troubleshooting AHV/CVM Performance issues.
- ✓ Performed Heath Checks, Monitoring, and troubleshooting – Prism Pro

PROFESSIONAL SKILLS SUMMARY – IT Infrastructure Services

- ✓ 20+ Years of proven experience – Be part of multiple projects in IT enterprise strategy, enterprise data architecture and IT project/program delivery.
- ✓ Analyzing application portfolios, identifying dependencies and infrastructure platform components, and assessing migration feasibility.
- ✓ Capability to develop technical solutions to complex business problems from proof-of-concept (POC) to DEV → UAT → PROD implementation and support.
- ✓ Ability to translate traditional IT infrastructures to global cloud deployments.
- ✓ Strong Knowledge in implementing large database projects on oracle, MSSQL, MYSQL, Cache, NoSQL with disaster recovery solutions for each.
- ✓ Seamlessly wear multiple hats with hands- on concept work, evangelize, business development, coordinate, leadership, collaborate with internal partners and vendors.
- ✓ Develop and document procedures and policies for infrastructure architecture, design, implementation, and tracking.
- ✓ Experience leading and mentoring more junior system engineers and administrator.