

# Nithin Nan

## Technical Architect/ Manager –ICT

(IT Infrastructure, Hybrid Cloud & End User Computing Modernization)

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📍 Singapore

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### About

- IT Infrastructure Solution Architect with 17 + years of varied experience in designing and implementing IT Server Infrastructure solutions, End User Computing Architecture & Cloud Services.
- Expertise as Azure, Private and public cloud Solutions Technical architect, Infrastructure designer, Presales Consultant, ICT and Technical Manager.
- Experience in IT domains of different public and private sector industries ranging from ITES, Banking, and Financial Services, Healthcare, Semiconductor & Electronics Design Manufacturing, Aviation, and Telecom.
- Expert in Leadership, Budgeting, Time Management, IT Operations & Team Management, and ITIL based support Process Implementations & Service Improvements and Project & Transitions Management.
- Designed and managed Organization's Digital transformation journey.
- Experience designing and leading complex strategic programs with both internal and external stakeholders

### ROLES AND RESPONSIBILITIES

- Member of System engineering group in Singapore Airlines, responsible for design, implementation and administration of varied technical projects in house.
- Work with the CIO and CTO to develop the future strategy for the evolution of ICT
- Responsible for delivering architectural design for improving IT Infrastructure services, build a public cloud and hybrid IT practice
- The responsibility comprises understanding the business requirements, Executing Proof of Concept, evaluating and creating test cases, baseline criteria, preparing high level & low-level project plan, Decision Making, discussions, co-ordination with various stakeholders/vendors, Project execution, project management and Project handover, Planning resource & capacity requirement.
- Collaborate with business leaders, third party vendors and suppliers to develop and manage the long-term strategic roadmap, ensuring alignment to overall business objectives, contribute to and refine technical RFP/RFI/RFQ responses
- Proactively identify opportunities to develop services or to introduce new and innovative services with the aim to improve the user experience, security and productivity
- Manage the overall program of individual projects within an agreed roadmap, with a focus on communication of scope and status, Cross-functional teamwork skills, on-time and on-budget delivery

### Professional Background

Role	Experience
Technical Manager/ICT Manager	6 years
Technical Consultant (SME)	12 years
Solution Architect & Pre-sales	10 years
Azure Cloud Architect	5 years
Infra Project Implementation	17 years
IT Operations / Managed Services	17 years

### Functional Background

- Background in people management, financial responsibility, negotiations, business decision-making, Experience working in a team-oriented, collaborative environment.
- High integrity, and excellent relationship development, communication, and negotiation skills
- Proven leadership capability to manage, coach, and motivate a diverse team.
- Independent and goal oriented, with the ability to create an inclusive/dedicated team
- Experience with leading and coordinating across both functional and technical teams
- Good understanding of technology projects and the value of technology in supporting business requirements.
- Good working knowledge of current IT risks and experience implementing security
- Proactively investigate and assess new technologies, solutions and architectures in order to refine and develop the target roadmap to meet the future needs

### Personal Info

**Date of Birth** : 10/Nov/1985

**Nationality** : Indian

**Address** : BLK 712 , Changi Green,  
Upper Changi Road East, Singapore, 486842

**Residential Status:** Employment Pass (Singapore)

**Passport Number:** S9810244 (valid up to 2029)

### Academic Qualification

- PhD. – Cyber Security – Shyam University, India (Pursuing)
- Executive MBA - University of Northampton, United Kingdom (Awaiting Results)
- Post Graduate Diploma in Management and Leadership – TMC Singapore
- Master of Computer Application (MCA) – SMU – India
- Diploma in Electronics – NTT – India

### Courses & Certifications

- TOGAF®
- Prince® Practitioner
- ITIL® V3 Foundation
- Amazon AWS Solutions Architect – Professional
- Microsoft Certified Solutions Expert - Azure Cloud Platform and Infrastructure Management.
- Microsoft Certified Solutions Expert - Microsoft Exchange Server 2016
- Microsoft Certified Solutions Expert & Technology Specialist - Microsoft O365
- Microsoft Certified Solutions Associate - Windows Server 2016
- VCP – VSPHERE 6.5
- Certified Ethical hacker
- Certified Information Security Manager
- Certified Professional Scrum Master

### Skills

- Cloud Solution:** AWS, Azure and Private Cloud
- Azure:** IaaS, PaaS, SaaS, Azure Active Directory, Azure Data Factory, Azure Storage, Azure Functions, Azure Kubernetes Service, Cosmos DB, Azure SQL DB, API management, Multifactor authentication, Infrastructure, AVD, Backup, Site Recovery, Defender for Cloud, Azure SQL, Networking, Firewall, Architecture
- AWS:** AWS RDS, AWS EC2, S3, transit gateway
- Hypervisor:** VMware ESX and Microsoft Hyper-V, Acropolis.
- Messaging** - O365, Microsoft Exchange Server
- Microsoft Azure Architecture and Solutions** -
- CICD Pipeline tools:** JIRA, Terraform, Azure Devops
- Auth:** OIDC, SSO , MFA, OAUTH

## Work Experience

Organization : Singapore Airlines LTD  
Duration : April 2018 – Till date  
Designation : Technical Architect /Manager – IT Infrastructure, Hybrid Cloud & End User Computing  
Job Role : Technical Architect, Project Manager , Scrum Master & Head – Crisis Management

Organization : HEWLETT PACKARD ENTERPRISE - SINGAPORE  
Duration : Feb 2017 – April 2018  
Designation : Technical Architect

Organization : EMERIO GLOBESOFT – AN NTT COMPANY - SINGAPORE  
Duration : NOV 2015 – Feb 2017  
Designation : Technical Consultant

Organization : UST GLOBAL - TRIVANDRUM  
Duration : Aug 2013 – OCT 2015  
Designation : Platform Lead Virtualization

Organization : IBM GTS – NETSOL - BANGALORE  
Duration : Nov 2008 – Aug 2013  
Designation : Technical Lead /SME

Organization : WIPRO, BANGALORE.  
Duration : Dec 2007 – Nov 2008  
Designation : Engineer – Server Management

Organization : FLEXTRONICS TECHNOLOGIES, BANGALORE.  
Duration : April 2006 – 2007 November  
Designation : Trainee - IT



## SIGNIFICANT PROJECT DETAILS

- Azure (Public Cloud) Infrastructure Hub & Spoke Design and Implementation, with Microsoft Azure landing zones
- Designed and implemented Azure Edge Data Centers for North America and Europe & Asia.
- Migrated Enterprise SQL Database to Azure SQL.
- Migrated various Web Applications from On-premises to Azure
- Designed and Implemented Virtual Desktop Infra (Citrix and Azure VD)
- Hyper Converged Private Cloud Infrastructure Design & Implementation
- Work from Anywhere (Citrix, Microsoft, Nutanix & Network Architecture)
- Designed and implemented Hybrid cloud using Nutanix Calm (Azure + Private Cloud)
- Cloud Based Enterprise Email Gateway Design & Implementation
- Data Center Active – Active GSLB Design & Implementation
- VMware WorkspaceOne MDM & Microsoft Intune MAM Implementation for Modern management
- Airport Kiosk Platform Design & Implementation
- Enterprise Authentication IAM Design & Implementation with BroadCom and Ping Identity
- Symantec Antivirus Upgrade, SEP 12.X To 14.X
- Zscaler Web Proxy & Menlo Web Browser Isolation Implementation
- Bit Locker Encryption & Sentinel One Implementation
- EPT (FireEye & Trend Micro) Implementation for Email Security
- Email Migration from On Premises Exchange Server to O365



## Awards and Achievements

- Certificate of Appreciation - Singapore Airlines (2018/2019/2020/2021/2022)
- Certification of Appreciation – SGX Project (Hewlett Packard Enterprise) 2017
- R&R award (4 times) for best candidate - (2013/2014/2015 from UST GLOBAL).
- Hi Flier Award winner - IBM - for consecutive 4 years (2009/2010/2011/2012).

- Enterprise Authentication Solutions:** Active Directory, AZURE AD, DHCP, DNS, Group Policy, IIS, Certificate Authority, SSO & MFO Authentication solutions, Azure ad premium.
- Enterprise Messaging and Unified Communications Platform:** O365, MS Teams, Skype for Business, Cisco Teams
- Enterprise Mobility + Security:** MS Intune , VMware WorkspaceOne
- Backup Solution:** Commvault, Rubrik , Veeam, Symantec Exec, NetBackup, Acronis, arcserver
- Hyper converged:** VMware vSAN, Nutanix and Microsoft Storage Spaces Direct, SimpliVity, Cisco Hyper Flex
- VDI:** VMware Horizon View, Citrix Xen Desktop, and Microsoft RDS.
- Storage:** IBM, DELL, HPE, Pure Storage and Netapp.
- Servers:** IBM, Dell, CISCO UCS, HPE , Lenovo, Super Micro, Fujitsu
- Antivirus:** Symantec, Trend Micro, McAfee, MS Defender
- Disaster Recovery:** VMware SRM, Veeam, Commvault, & Double Take, Platespin Protect
- Server Migration Tools:** Platespin, VMware Converter, Acronis and 5nine.
- Script:** PowerShell Script / Python – Intermediate level.
- Patch Management:** BigFix , SCCM
- Backup & DR –** Azure Site Recovery, Azure Backup, Veeam Backup and Replication & Veeam ONE
- Containerization -** Kubernetes(K8s) & Docker
- Automation -** vRealize, Nutanix CALM
- SDWAN , WAN & LAN:** (GRE, IP Sec, MPLS, Site to Site, Direct Connect & Express Route)
- Micro Segmentation, VLAN Isolation & App Tiering:** Nutanix Flow, Illumio
- Vulnerability Management:** Qualys
- Firewall :** Cisco, Fortinet & Juniper
- Call Center & Contact Center Voice Solutions:** Genesys, Verint
- Global Server Load Balancing:** F5 & Citrix
- Endpoint security software (EDR):** S1
- Web Browser solution & Zero Trust:** Menlo & Zscaler
- Data Encryption:** PGP & BitLocker
- Email Security (ETP):** Fireeye, Trend Micro Email Security & Cloud app security
- Web Gateway and Firewall:** Zscaler, Bluecoat Trend Micro IWSS & Cisco umbrella
- Operating System:** Windows & Linux