



**PETER PAUL SALDANHA**

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**OBJECTIVE**

IT professional with skills in Network Operations and Project Delivery, Security and Cloud Infrastructure and Automation, seeking an opportunity to utilize my technical skills and abilities to my best for the growth of Organization/Project.

**PROFESSIONAL SKILLS**

* Cloud Computing- Experience in Azure and AWS
* Migration/Backup – Azure Backup, Azure storage, Azure Site recovery, AZCopy, Azure migrate, SQL Server, Storage Explorer, Disaster solutions
* Remote Connectivity- Azure/AWS Site to site and Remote access , Azure Express Route, AWS Direct connect, API Manager
* Azure Active directory- Azure RBAC, AD Connect, MFA Integration, ADFS
* Monitoring tool: Azure Monitor, log analytics, Insights, Alerting, Network Watcher, Cloudwatch, Graphana
* Network Security - Cisco ASA/Cisco Firepower/ Checkpoint/Azure NSG/ Juniper/ F5 BigIP /bluecoat/Citrix NetScaler /Pulse/Azure Key vault
* DevOps – Python, Power shell, ARM Templates, Azure CLI, GIT, Kubernetes, Terraform, CI/CD Pipelines
* Operating Systems – Linux / Windows Server
* ITIL, Enterprise Change Management System, ITSM, Peregrine ticketing tool, Service now
* Project Management

**PROFESSIONAL CERTIFICATIONS**

* Microsoft Certified Azure Solution Architect Expert
* AWS Certified Advanced Networking - Speciality
* AWS Certified Solution Architect-Professional (**AWS-CSAP**)
* AWS Certified DevOps Engineer - Professional (**AWS-CDEP**)
* AWS Certified Solution Architect-Associate (**AWS-CSAA**)
* Microsoft Certified Azure Network Engineer
* Hashicorp Certified Terraform Associate
* Certified Kubernetes Administrator (**CKA**)
* Project Management Professional **(PMP)**
* Cisco Certifications (**CCNA/CCNP/CCSP**)
* Checkpoint Certified Security Expert (**CCSA**/**CCSE**)
* Advance Python Training from Enthought Inc.
* Information Technology Infrastructure Library (**ITIL**)
* Microsoft Certified Professional (**MCP**)

**PROFESSIONAL EXPERIENCE**

1. SCB-GBS

Senior Cloud Network Engineer Aug 2022 till date

**Job Profile:**

* Consultation and Designing AWS and Azure Cloud Network Infrastructure
* Build and Deploy Cloud Network Infrastructure for Azure Platform Landing Zone using Terraform and ADO Pipeline. Thorough knowledge of CICD Build and Release.
* Deployed Azure VWAN, Secure Hub, Express Routes, and Azure Firewall as per Architectural design for multiple regions and isolated environments
* Deployed multi region/ environment AWS Direct connect solution for on-prem connectivity using Transit gateways and Direct connect gateway
* Worked on Load balancing solutions using AWS ALB/NLB, Azure Load balancers and Application Gateways / WAF Solution
* Deployed Hybrid DNS Solution for Azure using Private DNS Resolvers
* Created Engineering Designs , Test cases and Run books for Azure Network Services – VWAN, Firewalls, DNS, Express Routes, Private link, Load balancers and Application Gateways
* Monitoring and logging using Log Analytics workspaces/Cloud watch and updating Alerts
* Network Segmentation and Security Controls- Managing Security group controls, Network Security Groups, AWS Config and Azure Policies
* Managing IPAM for Cloud Infrastructure, IP Address sizing decisions, Allocation and Optimization of CIDRs
* Deploying Azure VM, VMSS, Update Manager
* Microsoft defender for cloud, monitoring VMs, Managing threats and vulnerabilities
* Azure IAM, Role management, access policies
* Budgeting and Cost optimization in Azure
* Issue tracking with JIRA, ADO, Service now Incident and change requests. Thorough knowledge of Scrum methodology

1. Mphasis Ltd.

Senior Principal Infrastructure Engineer Dec 2018 – Aug 2022

**Job Profile:**

* Technical lead (SME) for Network Engineers providing Operational support and guidance across multiple projects
* Worked closely with Project Manager, Customer, Vendors, Application team with directions for requirement gathering, Analysis, development and Execution of the project.
* Designed Azure Landing Zone for multiple subscription models. This involved design and implementation of Security, Remote access, proxy and DR solutions and On-Prem access in Azure.
* Created Project Design Documents (HLD and LLD), POC, Resource Build sheet, Bill of Materials, SOPs and run books.
* Created VNets, Resource groups, subnets, UDRs , Network Security Groups, VNet peers in Azure
* Designed and deployed on-premises connectivity using Express route solution
* Configured Azure Active directory, AD Connect, RBAC and MFA setup using NPS server in Azure. Integrating MFA with all network devices and user Authentications.
* Worked on creating Azure private end points to access Azure SQL Databases and Storage Accounts
* Worked on Azure cost and capacity monitoring for VMs
* Worked on monitoring and scheduling backup of Azure resources using Solar Winds
* Thorough knowledge of Azure DevOps, build and release of Application onto Azure using pipeline and Terraform scripts. Created containers and Deployed Applications onto Azure Kubernetes Service
* Created Azure Resources, managed services and NVAs using ARM templates
* Configured Azure backup/restore and Disaster recovery solutions at different region.
* Configured Pulse VPN on Azure and Configuring Azure HA load balancer for pulse VPN traffic.
* Configured FortiGate Firewalls in Azure with High availability Active/passive configuration using SDN connect. Configured B2B IPSEC VPN tunnels on Azure FortiGate Firewalls and Implementing vendor connectivity using Azure Load balancers
* Designed and implemented Cisco Firepower Firewall in Azure Network and migrated all the Application traffic through the firewall. Implementing Monitoring and backup solutions. Created inbound and outbound connections with Azure Load balancer for high availability
* Configured Azure Application Gateway with WAF and traffic manager and configure Routing policies.
* Designed and Implemented of Zscaler proxy- ZIA and ZPA, created IPSEC tunnels on FortiGate firewalls across multiple locations, integrated with Azure AD Server with MFA. Configured Zscaler policies for corporate servers and users.
* Created VPC and EC2 instances using AWS Cloud formation templates with Load balancing and Auto scaling. Created security groups. Created site to site from AWS to Azure and on-premises using VPN gateway
* Worked on Incidents and Problem tickets and point of contact for the tickets related to Network. 100% SLA in managing tickets and 50% service improvements.
* Screening candidate Profiles, conducted Technical Interviews for Cloud Solution Engineers

1. JPMorgan Chase

Senior Associate Nov 2011 - Sep 2018

**Job Profile:**

* Consultation, design and execution of projects involving F5 load balancing-LTM,GTM,ASM, Checkpoint/ASA firewalls. Meeting with the project stakeholders, prepared scope of work, proposed creative solutions to best serve clients' needs.
* Worked on Vendor connectivity using Juniper SSL VPN firewalls. Profile and configuration management for different vendors.
* Certificate Management on load balancers using Symantec/Entrust. This involves new orders, renewals and bundle upgrades.
* Route-map changes on Nexus and Cisco devices for F5 SNAT support.
* Checkpoint/ASA Firewall Configuration management involving software policies, Routes and Anti spoofing changes.
* PSAAS service offerings and policy changes involving configurations for external load balancers, Bluecoat proxy and internal load balancers and checkpoint firewall configurations.
* PAC file changes and policy push for external URL access, DMZ and Business Partner Socks changes for external connectivity
* In depth Knowledge on ITIL processes and all the configurations were strictly followed using ITIL change and configuration management principles. Established 100% SLA in handling tickets and 20 % improvements using process automation.
* Conducted Technical Interviews, Team mentoring and coaching on process and technical skills.
* Security Monitoring tools- TCP Dump, Wire shark, Fiddler,NASH,Spunk, appviewx
* Worked on private cloud setup and setting up the load balancer
* Automation of creation of F5 load balancer using Python scripts

1. HCL COMNET LTD.

Senior Network Consultant Jan 2006 – Oct 2011

**Job Profile:**

* Worked on Checkpoint firewall policy creation. Monitoring and troubleshooting.
* Involved in turn up for 1000 BNY retail branches. This involved up gradation of bank network with High performance routers, switches and circuits. Interacting with circuit vendors (Verizon and AT&T) for link issues.
* Verify compliance of day-to-day Change Management processes of the Network Engineering group for Implementation Quality Assurance (IQA) standards. Change Management Processes include detailed configurations on Network Devices like Routers and Switches
* Periodically review time consuming and repetitive verification tasks and automate them through the new Network Automation System, ONA (Opsware Network Automation)
* Code up gradation of routers and switches.
* Worked on Vendor connectivity using Juniper SSL VPN firewalls. Profile and configuration management.

1. Pinnacle Computer Systems, Dubai, U.A.E Feb 1999 – Jan 2006

Senior Network Engineer

**Job Profile:**

* Ensured the proper design, implementation, managing, and support of all IT infrastructures and delivery of the services required for the managed clients.
* Ensured that incidents and requests from client infrastructure are handled along with escalated onsite technical support to perform complex software/hardware troubleshooting and resolutions according to agreed procedures and SLA.
* Analyzed complex business needs presented by the clients and recommends /designs technical solutions in the area of Systems /Networks /Security /Connectivity /Backup and support.
* Installation, configuration and troubleshooting of CISCO routers and Switches, PIX firewall, Checkpoint NG Series Firewalls, Cisco ASA, FWSM, Cisco IDSM, Cisco IDS, and Cisco ACS.
* Installation and configuration of PIX 501/506/515 firewalls, Cisco 801/805/1700/2600 Series routers for internet access for small to medium business solutions.
* Site to site VPN & remote access VPN using PIX 515 / 506, Cisco VPN Concentrators.
* Installation / Configuration and troubleshooting of Windows2000/2003 Servers, Active directory, Microsoft exchange, Lotus notes5.07/6.00, Netware 5.01/6.00, ISA server and migrations. Configuring Metaframe Citrix / NFuse to create server farm & application sets
* Successfully completed network refresh and WAN solutions for following clients- New Zealand Milk, Petrofac International, AGMC, CEMEX. This involved planning and co-ordination across the global team for successful migration.

1. IT People, U.A.E

Support Engineer Nov 1998 – Feb 1999

Project: Infrastructure Migration project for Dubai Ports Authority (On contract)

**Job profile:**

* Supporting the migration efforts of Client systems and network.
* Maintenance of database-backup and recovery
* Active Directory-Creating users and allocating user security and schema structures
* Migration from Lotus Notes to Microsoft Exchange.
* Designing Test Cases and testing the software
* Onsite Training for the clients on the applications developed, troubleshooting and user support

1. CMS Computers

Support Engineer Apr 1997 – Apr 1998

* Resident Engineer for Reliance.
* Implementation and support of IBM AS/400 system
* Setting up Desktops and OS ad software implementation

1. Topaz Sales Corporation, Mumbai

Service Engineer Oct 1995 – Dec 1996

* Worked as Sales Engineer for selling Pepperl+Fuchs brand of Industrial products
* Sales and service of Sensors, Zener safety barriers, Industrial valves and Equipment. Managed 25 customer calls per day and site visit.
* Provided technical troubleshooting and problem solving for clients with installed equipment or system issues

**EDUCATIONAL QUALIFICATIONS**

**E-MBA** in **Information Systems** from Manipal University, Bangalore

# Bachelor of Engineering in Electronics & Communications from NMAMIT, Mangalore

**PROFESSIONAL SUMMARY**

* IT professional with skills in Network Operations and Project Delivery, Security and Cloud Infrastructure and Automation
* Proven track record of prioritising tasks and workloads in order of importance.
* Pro-active and able to interact with all levels of management.
* Good communication skills and ability to articulate tech issues accurately in a manner that business users can understand and support
* Ability to learn and adopt new technology and delivering results with deadlines.
* Creative, resourceful, smart working, able to work independently as well as in a team

**PERSONAL DETAILS**

DOB: 3rd Jan 1973

Nationality: Indian

Gender: Male

Marital Status: Married