Pandurangan.J

Chennai, India. pandurangan.j@outlook.com +91 9500066033

Career Objective

Accomplished executive level professional with 24+ years of deep ability in the field of infrastructure management, delivering technology across multiple cloud platforms, adopting to the technology enhancements. Specialized in enterprise cloud Infrastructure designing & deployment, catering to the technology needs of the customer's business with enhanced security, scalability, and cost-effective solutions. Possessing a project management ability to lead project teams to successfully migration & deliver agreed upon solutions of the highest quality often in complex and challenging environment.

Skilled in Cloud computing, Datacenter management, Information management, application development, and virtualization. Demonstrated ability in evaluating requirements for business application integration and migration services. Proven mentor and training with ability in communicating across organizational levels and with cross-functional teams to drive shared vision and foster culture of excellence.

Having 10+ years of experience in senior-level leadership position, delivering public cloud and hybrid network and security solutions for few of the top Fortune 500 companies and in various technical positions for 14 yrs. including roles in IT Engineering and Operations for large enterprise IT infrastructure.

Certifications:

- ✓ Certified in **PMI-ACP**
- ✓ **CISSP** – Certified Information Systems Security Professional
- ✓ **CSM** – Certified in Scrum Master
- ✓ **CISM** – Certified in Information system security Manager
- ✓ MS Azure Certified - **AZ-104**
- ✓ Azure Solutions Architect Expert: **AZ-305**
- ✓ MS Azure DevOps Expert **AZ-400**
- ✓ MS Azure Security Engineer certification **AZ- 500**
- ✓ Administering Microsoft Azure SQL DB Solutions **DP-300**
- ✓ Azure Infrastructure and Implementation – **70-533, 70 -413, 70 -409**
- ✓ **ITIL V4** Certified in IT service management
- ✓ **VCA** - Certified VMware Associate
- ✓ **NPP -** certified in Nutanix Hyper Converged Infrastructure management
- ✓ **AWS - Certified Solution Architect**
- ✓ **BSI - DNV -** Certified Internal Security Auditor (ISA) for ISO 27001:2005
- ✓ **CompTIA** - Certified in CompTIA Cloud + Advanced Security
- ✓ **CEH** - Certified in Ethical Hacking
- ✓ **GDPR -** Certified in General Data Protection Regulation
- ✓ Certified in Snowflake Cloud Data
- ✓ Certified in DevOps Engineering
- ✓ Certified **ITSM** – ISO 20000 principles
- ✓ Certified in Google Cloud enterprises

Educational Qualification

- ❖ M.B. A - IT (2007-2009) from ISBM (Indian School of Business Management). Bengaluru (Bengaluru).
- ❖ Diploma in Computer Technology from MIET polytechnic, (1995 – 1998) Tiruchirappalli, Tamil Nadu

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Experience Summary

Director - Cloud & IT Security in Cloud Assert from Jan 2022

Managing a team with twenty members with various technology to serve client with Azure /AWS / DevOps platform

Creating the Security design and solution, deployment of Azure resource using ARM template & PowerShell automation scripts, installing, configuring, deploying cloud products with Terraform scripts.

Providing demo /POC to showcase our product capability and team ability to client with presales metrics

Review the security architecture evaluation of WBG new systems and create security test plans based on existing and planned controls and recommendations.

Perform security analysis of the different layers of the systems (application, operating systems, and database layers) by performing source code review, manual testing and automated system vulnerability assessment scans using various web, application, operating systems, source code and database vulnerability scanners.

Track relevant security metrics and key performance indicators, analyze test results and vulnerability trends, and prepare status reports

Managing and administrating the Multi cloud billing solution for client to optimize the cloud cost.

Build & automate playbooks to integrate security events into existing CICD pipelines

Managing the migration plan & DevOps project delivery with accountable team members

Heads up with POC for the CI/CD process and implemented the release management with auto scripting process.

Investigate and perform impact assessments for high severity threat events

Deploy, execute, and standardize micro segmentation policies across all critical applications

Optimize and maintain network perimeter security across all cloud networks

To engage and work across multiple teams to remediate all possible vulnerabilities identified in the cloud environment

Formulate and optimize the process of cloud vulnerability management

Define the backup management procedure in AWS / Azure with huge volume of Storage by using the retention policies and scripting methodology...

Practice in periodic compliance audit and information security to understand the reported vulnerability and plan remediation.

Consulting security activities in relation to Multi Cloud technologies and solutions. specialize in Cloud Migration from on-prem to cloud workload (AWS/Azure)

Responsible for project consulting, planning, designing and implement, which combined cloud and business process solutions.

Supply recommendations based on industry, security, and infrastructure trends (e.g., virtualization, private cloud computing, automation, and DevOps).

Review design and implement HA (High Availability) and BC (Business Continuity) sites to meet customer availability requirements hosted on cloud environment.

Provide input to the strategic direction and cost-effective solution in technology investments and aid in the development of the enterprise architecture and maximize the ROI within the agreed enterprise architecture.

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Global Director - IT & Security - CISO – in Pro V Infotech India Pvt Ltd - From Sep 2020 to Jan 2022.

Spearhead business and technology partnership in process redesign to achieve business needs and set up application /product delivery roadmap.

Collaborate with business executive and technology stakeholders, industry leaders, and trusted colleagues on Business roadmap status and issues.

Direct high-performing teams in delivery, reporting and risk mitigation of roadmap priorities with precision communication of strategy throughout the project life cycle.

Supply exceptional oversight to 100+ person, vendor network, including project management, development, and business analyst resources in end-to-end execution of project deliverables.

Lead core management team that drove adoption of Agile using the Scaled Agile Framework (SAFe).

As day-to-day activities is to develop and present proof-of-concept for various migration projects.

Research and working on tool development for migration purpose by selecting the right platform and designing high-level architectures.

Lead role in consulting projects driving quality deliverables, with proven experience in effective interaction with IT managers and C-level executives.

Conduct research, data collection, analysis, and synthesis to prepare, present and deliver recommendations and solutions to clients.

Advise IT professionals (Project Managers, Architects, and IT Specialists) on tools, technology, and method related to the development and implementation of IT solutions.

Designing infrastructure architect concepts on datacenter servers, storage, security, and networking

Articulate and understand customer pain points in technology and commercial areas for providing solution.

Presenting and preparing sales proposal based on RFP RFQ, and submitting SOW’s

Manage a 24x7 cloud security team across the globe

Responsible to manage the CAPEX and OPEX cost related to cloud security.

Design and build multi cloud infrastructure's as per the best security practices to host business critical systems

SPOC for security operations team and TAC of Vulnerability Assessment, Email Security, Web Security, End-point Security and Data Security.

Have been part of Security certifications e.g., ISO 27001, GDPR Compliance etc. Have been part of Security leading team in creating Policies and setting Reports metrics for Organization

Implement security controls and threat protection, Identity, and access management

worked with Azure Security Center Standard and GCP Command Center and mitigate vulnerabilities .

Administrate and maintain Email Security products like McAfee Email Gateway and Symantec Messaging Gateway

Remotely manage client’s network and security devices like Firewalls, IPS, URL-filters, routers, and switches

Perform Gray-Box/White-Box security testing of applications as post-production checks for critical applications.

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Senior Cloud Architect - at Newt Global India Ltd. From April 2019 to Sep 2020

As Senior Cloud Architect my responsibility is to collaborate with clients for cloud architect and solution engineering. Managed a team with ten members for architecting and migration solutioning in multi cloud platform,

also, Its Includes, planning, executing developing and streamlining systems with specific skills to enhance IT infrastructure operational effectiveness.

Create and support migration project related documentation (Statement of Work Document, (SOW) proof of concept document, (POC) technical design document etc.

Develop overall migration architect & solutions including statements of work and bills of materials. (BOM)

Develop migration plan and implementation timelines based on SOW.

Meeting with clients to understanding their needs (lead architect assessment meetings), and figuring out gaps between those and technical functionality, and collaborating with all stakeholders to generate mutually agreeable and helpful solutions.

Architect and design n-tier applications grounds up using Azure IaaS, SaaS, and PaaS services

Deploy infrastructure using ARM templates for Azure PaaS services with deployment tools.

Deploying Azure Stack Development kit, configurations, updating of both AAD and ADFS

Configuring Azure Active Directory B2C and B2B setup and management. Manage the O365 Migration for three thousand users.

Implementing Cyber Security Standards and deployed Cloud controls, Cloud Governance, and compliance

Created Azure architecture blueprints and DevOps design documentation.

Automate DevOps with deployment tools

Introduce Azure Service Fabric Azure PaaS in Big data, IoT, Machine Learning spaces to end client.

Followed Agile/Scrum methodology for project execution with multiple cross-functional teams.

Communication with client-side technical team on architecture point of view and signoff.

Migration Project's reviews and guide team on technical and functional perspective.

Support system testing\Integration testing and UAT before deploying to production Environment.

Design and build multi cloud infrastructure's as per the best security practices to host business critical systems

Analyze the latest security recommendations suggested by the vendor and create standards

Deploy, execute, and standardize micro segmentation policies across all critical applications

Optimize and maintain network perimeter security across all cloud networks

To engage and work across multiple teams to remediate all possible vulnerabilities identified in the cloud environment

Formulate and optimize the process of cloud vulnerability management

Implemented Zero Trust Architecture, Cloud Security, DMARC, Firewall rule reviews, Conditional Access

Implemented Cloud Access Security Broker, CSPM, in PaaS, IaaS, SaaS security requirements in Azure, & AWS clouds

Implemented AKS Security in DevOps Architecture

Ensure the systems configured to the SOC 2 and ISO 27001 guidance

Assist in secure deployment of applications in Azure, GCP & fix security vulnerabilities in Production environments

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IT Manager – at EC Software India Pvt Ltd. From Jan 2018 to Mar 2019

My responsibilities are to Design and implement the product solution with various technology in multi cloud platform and engaging the business requirements to technical designing are in-line with the enterprise architectural plan and review.

Define and design the technology solutions to aid their business goals development, testing and implementation solutions and report on delivery.

Managing project administration conducting a product evaluation review to assess how well the product was developed.

Supplying individual and team leadership ability across all products and platforms. Developing enterprise reference architecture, SOA and Cloud strategy in a SaaS driven enterprise business model.

Preparing any follow-on action recommendations watching overall progress and use of resources, starting corrective action where necessary applying change control and configuration management processes.

Interface with the Developer and project team, articulating customer requirement, to ensure smooth transition from sale to delivery.

Deliver training on solutions and provide Zizera product (Online Catalogue software) support to channel partners and internal stakeholders.

Handling team with multi-Platform administrators in to manage the project / product development team issues.

Managing data center at Chennai and Product Deployment in AWS / Azure with various Services.

Function as SOPC and Transition-coordinator between offshore –onsite support team to align a business requirement.

Designing architecture, deployment, and migration of the websites/servers from the physical environment to the Cloud Platform

Develop cloud reference architectures, governance policies, security models, based on best practices.

Working with vulnerability assessment team to work on discovered vulnerability.

Plan and Implement the Office 365 for the Internal stack holder and Internal User.

Supply guideline to migrate the Mail service from G-Suite to Office 365.

Implementing End-point Security Technologies and processes required.

Defining end-point security processes, virus incident handling process, troubleshooting virus incidents.

Deploy and configure McAfee security components through ePo.

Administrating and maintaining Email Security products like McAfee Email Gateway and Symantec Messaging Gateway.

Resolving any kind of anti-spam issues which includes submitting False positive samples to Threat Response team and then acting on the global score of it.

Troubleshooting the certificate issues using OpenSSL commands. Fixing the TLS/SSL certificate chain (Root cert – Intermediate cert) of domains, issued by various CA.

Proactive monitoring including a weekly review of log files, events, etc. to determine the health and performance of the servers and security appliances.

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Project Manager – Cloud Infrastructure at Eli Business Solution Pvt Ltd. From Jan 2017to Dec 2017

As a Project Manager –Infrastructure. My responsibilities are to develop the technology solutions and mapping the business requirements to systems/technical requirements are in line with the managed service plan and review. Interpret and respond to detailed business requirements specifications (BRS) to ensure alignment between customer expectations and current or future capability.

Supply input to the strategic direction of technology investments to aid in the development of the enterprise architecture and maximize the ROI on technology investment within the agreed enterprise Security architecture.

Define and design technology solutions to aid their business aims development, testing and implementation solutions and report on delivery.

Commitments to ensure Security solutions are implemented as expected and to agreed timeframes.

Finding and obtaining support and advice needed for the management, planning and control of the project.

Managing project administration conducting a project evaluation review to assess how well the project was managed.

Preparing any follow-on action recommendations watching overall progress and use of resources, starting corrective action where necessary applying change control and configuration management processes.

Interface with the implementation / project team, articulating customer requirement, to ensure smooth transition from sale to delivery.

Ability to prove products and technologies effectively to audiences of varied technical solutions in a professional manner and to agreed timeframes.

Deliver training on solutions and supply FAST product (insurance software) support to channel partners and stakeholders.

Handling team with L1, L2 L3 administrators in various platform to manage the internal project / developer team issues.

Managing primary data center at Chennai and DR at Hyderabad location along with various web application /DB

Function as SOPC and Transition-coordinator between offshore –onsite support team to align a business requirement.

Designing architecture, deployment, and migration of the websites/servers from the physical environment to the Azure Cloud.

Implementing and managing network/security resources using automation and Infrastructure as a code.

Developing and maintaining cloud security postures in accordance with CSP best practices.

Ensuring efficient functioning of cloud resources/ functions in accordance with company security policies and best practices in cloud security

Implemented DMVPN, IPSEC and Encryption Standards, Network Security

Configured AWS, GCP, and Azure architectural security principles and key networking services such as VPC, Route 53, Transit Gateway, Direct Connect, V Net-Peering, Private Link, VWAN, Express Route, Firewall, Load Balancer,

Managing and maintaining cloud security services like guard duty, config management, security hub, and Google security command center.

Managing and maintaining firewalls Palo alto, Fortinet, WAF F5, AWS/GCP WAF, Proxy Symantec

Practitioner-level network automation skills using DevOps and CI/CD pipeline practices

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Technical Architect at Aspire Systems India Pvt Ltd Chennai. From Feb 2014 to Jan 2017

Responsible for technical designing using requirement specifications and use cases by collaborating with the product management and business requirements.

Responsible for conduct on-site technical assessments, designing effective solutions and resolving business-critical issues on cloud and on-prem solutions.

Deployed fifty servers and MySQL databases to various client for WordPress and PHP Python websites. Integrated WordPress and PHP Python websites with Azure Active Directory. Installed/Configured security system server.

Designed and configured Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, and security policies routing.

Deployed Azure virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.

Exposed Virtual machines and cloud services in the VNets to the Internet using Azure External Load Balancer.

Implemented high availability with Azure Classic and Azure resource manager deployment models.

Lead DevOps development of PowerShell command scripts, custom PowerShell, Ansible, Puppet and Chef to configure, verify and check, networks, security, routes, IP-Forwarding, VMs and cloud service roles.

Implemented Simple data virtual cloud infrastructure using features of Azure, Microsoft Office 365, and Azure AD

Designed RESTful API to access the Simple data platform independent dynamic data model.

Designed the simple command line, web-based and API interfaces to dynamic data models.

Designed infrastructure / server architect in Amazon Cloud Services with Auto scaling provision.

Designed and configured HSM security appliance for Data Encryption.

Configured Redshift database cluster integrated with HSM with Data pipeline integrated with Task runner.

Configured Task Runner agent application that polls AWS Data Pipeline for scheduled tasks and execute.

Designed and configured Amazon Simple Notification Service (Amazon SNS) web service that enables applications, end-users, and devices to instantly send and receive notification mail from the cloud.

Managing EC2, VPC Instances, ELB`s, Security groups, & RDS Environments Configurations

Configuring Cloud Watch to check Servers / Applications and NLB.

Collaborating with engineering and development teams to evaluate and identify optimal network & security solutions

Continue improving cloud network reliability, availability & maintainability. Developing fault-tolerant architecture to ensure general robustness of the cloud network infra

Managing and maintaining security appliances like firewalls, WAF, DDOS, revers proxy,

Managing and maintaining network appliances like routers, switches, load balancer,

Managing native cloud network & security infrastructure for AWS, Azure, and GCP

Design and execute new VPC, projects, subnets, Security monitoring metrics

Manage capacity across public and private cloud networks and security resources –incl. automating scale down/up of environments

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Associate Domain Specialist in CSS Corp Chennai. From Apr 2012 to Jan 2014

Leading enterprise architecture and cloud computing product architectures implementation and delivery. Supplying individual and team leadership ability across all products and platforms.

Designed P2C solution and migrated the physical data center applications for a leading FMCG company which has more than four hundred brands focused on health and wellbeing.

Designing project / server architect in Amazon Cloud Services (AWS).

Managing AWS IAM Accounts, AMI`s Back up & S3, EBS, Management.

Overseeing new business enquiries and supplying project / Server Architect for the business.

Handling client escalations and providing them with permanent resolution fix.

Working with the pre- sales and marketing team to drive sales forward.

Managing the deployments and automation by AWS Cloud Formation and Database Architect through RDS.

Managing EC2 Instances, ELB`s, Security groups, RDS and VPC Environments Configurations.

Managing and configuring the VPC, Subnets, Route tables gateway Network ACL, Security Groups, and VPN`s.

Configuring the monitoring to the Instance (servers) and Network behaviors through Cloud watch for Auto scaling.

Managing the messaging solution through AWS SNS, SQS, and SES.

Managing the Auto Scaling, Content Delivery through Cloud formation.

Maintaining backups of the AWS Instance in case of hardware failure or other disasters.

Managing Domain Controllers, DNS and DHCP and implementing group policy.

Troubleshooting server issues and supplying reactive and initiative-taking solutions.

Tech Lead in Financial Software & Systems (p) Ltd, Chennai. From Apr 2010 – March 2012

Managing Server Infrastructure at Data Center for Various Projects

Supporting of Applications / Database with Co-ordination of Development teams.

Ensure usage of software on all Servers, periodic upgrade of versions based on the availability of licenses.

Performing project management role about systems management.

Implementation of effective security practices in the Systems domain.

Conducting Internal Audit as per ISMS policy. For Data Center and NOC operation. Acting as member of Change Control Board / Change Management process. Supply support and take part change control process.

Deliver IT Services Management (ITSM) solutions based on ITIL best practices that focus on the people, process, and technology and information perspectives of supplying integrated organization wide business solutions within the IT infrastructure. This includes all aspects of ITSM best practices and methods from analysis, through architecture and design, to planning, implementation, and support.

IT Security policy implementation and managing. Overseeing internal and external IT audits.

Planning, deploying, implementation of technology and communication related activities, IT systems and processes within the corporate guidelines to ensure efficient operations.

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Senior Executive - Managed IT Services in 3i- InfoTech, Chennai. From Jan 2008 – Jan 2010

- ✓ Lead and Managing L1, L2 Team with twenty-eight members of various technical platforms.
- ✓ Managing IT Infrastructure Services (ITIL/ITSM), IT Operations and IT Projects etc.
- ✓ Disaster recovery planning, training, documentation, and business continuity (DR / BCP).
- ✓ Responsible for project planning, designing, Implementation of Server Architecture for Data center.
- ✓ Responsible for user management, vendor management as well as delivery of projects.
- ✓ Ensure business applications are designed and built to be robust, secure, dependable, resilient, and auditable.
- ✓ Managing the System Architect, Data center projects, planning and deploying the servers in datacenter.
- ✓ Responsible for the development of overall network Security design and planning Data center Architecture.
- ✓ Managing the Sever Administration, Configuring and Maintenance of the various servers includes service level and problem management as per ITIL best Practice.
- ✓ Installation of new servers and defining support requirements including backup process in a formal way and hand over to 24x7 team including routine maintenance activities to be performed.
- ✓ Creation of baseline, installation / operational procedure documents for all Project servers & back –up
- ✓ Responsible for the development of overall network design and planning Data center Architecture.

Sr. System Administrator Zylog System Ltd, Chennai. From Jan 2006 – Jan 2008

- ✓ Managing In-house Server's – Exchange 2003, WSUS, Application, ISA Firewall, and Anti-Virus & WEB Servers.
- ✓ Managing the networking equipment like Firewall, Routers and Switches.
- ✓ Managing & troubleshoot the application and DB related issues raised by users.
- ✓ Managing RIM infrastructure with 330 + Windows 2003 Servers,
- ✓ Maintaining OS patches and Anti-virus pattern updating,
- ✓ Managing Active directory & group policy, group memberships & accounts.
- ✓ Responsible for Scheduling back-up tasks managing and monitoring Raid Arrays.
- ✓ Managing data back up and restoring data, processing disaster recovery in needs.
- ✓ Monitoring hardware's using DELL OPENMANAGE Monitoring tool.
- ✓ Managing the security related events, server performance by checking event logs
- ✓ Maintaining Report generation and documentation.
- ✓ Interacted with client on technical issues.

Operation Lead Specialist in IBM Global Services Ltd, Jamshedpur. From Jan 2002 – Jan 2006

- ✓ Managing in-house Domain controller, Lotus Domino Mail server, File server, Antivirus server, Application (ERP) server and Web servers, Back-up servers
- ✓ Managing the network equipment's like Routers, Switches, Hub, and Firewalls.
- ✓ Troubleshooting the day-to-day problem raised by users for Application, Mail, Servers Connectivity, Desktop, Printers, and network equipment's.
- ✓ Troubleshot the application (ERP) related issues.
- ✓ Installed and managing the Lotus Domino Mail Server & Lotus notes Client, creating users ID file.
- ✓ Monitored the networking traffic through Sniffer Pro, Ethereal, Aglint, Tools.
- ✓ Performing application performance analysis with tools like "Agilent LAN Advisor"
- ✓ Responsible for the deployment of overall network design, and Network structure cabling.
- ✓ Responsible for capturing and analyzing of application software behavior on the Wide Area Network (WAN).
- ✓ Periodically conducting evaluation of various kinds of network technologies.

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Senior support Executive in Netlogix Techno Solutions, Chennai. From Jun1998 – Dec 2001

- ✓ Administered Windows NT 4.0 and Windows 2000 server.
- ✓ Responsible for handling more than 120+ Windows 98 client desktops.
- ✓ Managed of network components in client environment.
- ✓ Responsible for assembling computers, installation of network software, supporting structured cabling.
- ✓ Managing software security system (ISA) and Antivirus software installation and configuration.
- ✓ Responsible for Installation of Operating system and needed software's for servers and clients.
- ✓ Attended day to day problem at client places.
- ✓ Responsible for designing and planning of network cable structures for wide range networking projects.

Personal Details

Fathers Name: R Jayaraj Babu

Date of Birth: 10.04.1976

Languages known : English, Hindi, Tamil,

Passport No Z3522513 (Holding **B1 Visa** Validate till 2026)