JOSELITO DIZON

TECHNOLOGY ENTERPRISE ARCHITECT

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PROFESSIONAL OVERVIEW

Enterprise Architect with 23 years' experience designing and delivering enterprise-grade technology solutions that align business strategy with technical execution. Specialized in enterprise architecture, technology strategy, infrastructure modernization, and stakeholder management across complex organizational environments.

WORK EXPERIENCE

VP – Senior Lead Architect | JP Morgan Chase N.A. Singapore   **Dec 2021 - Dec 2025**

Enterprise Architect responsible for shaping the target-state architecture of all Markets and Payments applications in Japan and South Korea, aligning business strategy, regulatory requirements, and technology modernization initiatives.

Achievements:

- **Secured Regional Architecture Council approval** for Japan and South Korea localization and modernization programs, enabling multi-year datacenter upgrades.
- **Designed Japan AWS landing zone**, establishing compliant the firm's hybrid-cloud foundation architecture.
- **Migrated Togo Connect (Japan) to AWS** via Equinix Fabric, ensuring secure, low-latency hybrid integration.
- **Defined and delivered South Korea datacenter target-state architecture**, enabling virtualization uplift, DC fabric modernization, and database on-shoring.
- **Enabled Japan datacenter expansion** through power upgrades, DC fabric modernization, and on-shoring of core applications to reduce cross-border dependency risk.
- **Defined Japan application modernization** roadmap with CTOs and LOB leads, aligning infrastructure uplift with regulatory and resilience objectives.
- **Delivered Zengin Payment Gateway uplift** ahead of regulator milestones, supporting ISO 20022 compliance.
- **Strengthened high-risk location policies** through dependency and connectivity analysis, improving external access governance. Network segmentation for China-based applications.
- **Advanced Japan Technology Uplift Modernization (TUM)**, aligning LOB workloads to modernized enterprise platforms (VCF, Kubernetes, MSSQL, OracleDB, PostgreSQL, MySQL).
- **Improved application risk posture for Critical Applications** via joint reviews with Cyber Security (MITRE ATT&CK-attack vector assessment), driving control compliance and mitigation plans.
- **Institutionalized architecture governance** across the technology lifecycle, standardizing design patterns and reviews while enabling cross-platform collaboration and compliant delivery.

VP – Regional Enterprise Architect | MUFG Bank Singapore   **Feb 2016 - Dec 2021**

Co-managed the Regional Enterprise Architecture practice and as technology advisor to the CIO and CTO, strengthening architecture policies, standards and governance through TOGAF-driven oversight while managing OPEX/CAPEX and multi-year planning. Led modernization, security alignment, and cross-functional collaboration to deliver compliant, scalable technology capabilities.

Achievements:

- **Managed the EA practice** by strengthening governance using TOGAF framework and practice, implemented tooling (EA Essential), formalizing engagement models, and improving oversight to align transition and strategic architectures.
- **Led the department's financial and headcount planning** by managing OPEX, overseeing annual Gyokei/Ringi investment cycles, and aligning multi-year business plans with regional strategy.
- **Managed the EA practice by strengthening governance using TOGAF** framework and practice, implemented tooling (EA Essential), formalizing engagement models, and improving oversight to align transition and strategic architectures.

WORK EXPERIENCE

Achievements:

- **Chair the regular Enterprise Architecture** review forum.
- **Managed the departmental financial governance**, overseeing OPEX and CAPEX, annual Gyokei/Ringi investment cycles, and contract/vendor management aligned to regional strategy.
- **People management with responsibility** for performance reviews, appraisal cycles, capability development, and contracts.
- **Partnered with CxOs as technology SME**, shaping strategic roadmaps, leading multi-year budget planning, and defining adoption strategies to align enterprise solutions with business priorities and regional initiatives.
- **Strengthened regulatory (MAS) and security posture** in partnership with Risk and Cyber teams, addressing audit findings and enforcing internal security standards.
- **Led the technology architecture design**, review and oversee technical implementation of the following regional products:
  - API Gateway using Kong and Keycloak for microservices authentication and authorization.
  - Red Hat Openshift/KVM as Regional Kubernetes Platform.
  - AWS Public Cloud direct connect and landing zone for Singapore region.
  - NTT Enterprise Cloud using Openstack (ver. Ocata) for Private Cloud implementation.
  - Microsoft ADFS implementation and SaaS SSO integration of GLPI, Keycloak, Workday and Planview.
  - Payment Gateway PESONet integration for Manila office.
  - Corebanking migration to Temenos T24, infrastructure non-functional design using RHEL and OracleDB on HCI.
  - EA Essential tool – Open Source tool for Enterprise Architecture governance.
  - GLPI – Open Source implementation for IT inventory and service management.
  - Hyperconverged Infrastructure migration from 3-Tier DC Architecture to HCI using Dell VxRail, vSAN, NSX and VCF.
  - Established DevOps toolchain (Git/Bitbucket, Jenkins, Ansible, Selenium, JMeter, Jira)

Technology Consultant III | Hewlett Packard Enterprise Singapore   **Sep 2010 - Feb 2016**

Presales and delivery architect driving enterprise infrastructure and end-user computing transformations across banking and public sectors. Led client engagements from solution design through proof-of-concept and implementation, driving messaging migrations, virtualization, VDI, and identity platforms with high availability, security, and regional integration.

Achievements:

- Implemented a regional mailbox migration (Lotus Notes -> Exchange) using Binary Tree Migration Tool.
- Designed and implemented client's regional on-premise Microsoft Exchange; Client Access Servers (CAS), Database Availability Groups (DAG), and Edge Servers with Data Loss Prevention (DLP). F5 BIG-IP for HA (CAS, DAG).
- Designed and implemented client's regional Application Virtualization infrastructure using MS App-V. Integration with Thick-client and VDI (Citrix Xendesktop).
- Led the application virtualization team for applications sequencing for App-V deployment established standard operation processes for apps virtualization, testing and deployment.
- Co-led the client's regional datacenter transformation program including VDI(XenDesktop), Active Directory Services, SCCM and SCOM and VMware ESXi /vCenter.
- Implemented multi-domain Active Directory and Domain Services for a local government agency, telecom, polytechnic college and Utility services.
- Led the implementation of SCCM for a regional bank and Singapore-based media company for its desktop image delivery, and remote system management for servers.
- Led the customer engagement for technology requirements gathering, design discussions and proof-of-concept deliveries.

PRIOR WORK EXPERIENCE

Technology Consultant | Avanade Asia Singapore,   **Mar 2008 - Sep 2010**

Technology Consultant | MindTeck Pte Ltd/Avanade Asia, Singapore   **Aug 2006 - Mar 2008**

Technical Analyst | 3i Infotech Pte Ltd/InterContinental Hotels Group Asia, Singapore	**Jan 2006 - Jun 2006**
Web Developer | Saudi Oger Ltd, Saudi Arabia	**Jun 2002 - Dec 2005**
MIS Manager | Sampo Technology Phils. Inc., Philippines	**Dec 1999 - Apr 2002**

ACADEMIC CREDENTIALS

Graduate Certificate in Intelligent Reasoning Systems \| National University of Singapore (NUS)   **Ongoing**
Stackable Programme leading to Master of Technology in Artificial Intelligence Systems Degree

Bachelor of Science (Hons) in Computing Science \| First Class Honours \| Coventry University, UK   **2024**
Dissertation: Generative AI – Benefits, Impacts & Ethical Considerations
Final Project: Drive Buddy (Co-Pilot Safety System) – Drowsiness detection using Eye Aspect Ratio developed using Raspberry Pi, Python, OpenCV, and AWS.

Diploma in InfoComm Technology \| PSB Academy, Singapore   **2022**
Final Project: Turn-based Game using Python, Pygame and Docker

Associate Degree in Office Automation \| Asian College of Science and Tech., Philippines   **1992**

PROFESSIONAL DEVELOPMENT

SCRUM Master Certification Training \| National University of Singapore (NUS) – 19–20 Feb 2026

Machine Reasoning (Graduate Certificate) \| National University of Singapore (NUS) – 17 Jan – 7 Feb 2026

Reasoning Systems (Graduate Certificate) \| National University of Singapore (NUS) - 13-19 Nov 2025

Certified Generative AI Professional \| Singapore University of Technology and Design/Agile Asia – 24 Oct 2025

TOGAF 10 Foundation \| Practitioner Training, ATD Solutions, 13-16 Oct 2025

AWS Certified Developer – Associate, Amazon Web Services (AWS), 29-Sep 2022

AWS Certified Solutions Architect – Associate Amazon Web Services (AWS) 14-Oct 2021

TOGAF 9 Foundation / Certified Training, ATD Solutions, 20-23 Mar 2017

TECHNICAL PROFICIENCY

- **Regulatory & Cybersecurity Knowledge:** APAC regulatory guidelines (MAS TRM, MAS FEAT, MAS AI MRM, SG Cybersecurity Act 2018), NIST CSF 2.0, MITRE ATT&CK, CIS Benchmarks

- **Enterprise Architecture:** TOGAF, Zachman Framework, Gartner EA

- **Payment Standards:** MTxxx and ISO20022 payment messaging types, Gateways: PESONET, ZENGIN

- **High Availability and Infrastructure:** Load Balancers (software-NLB, F5 BIG-IP LTM), Windows Server Failover Clustering, DAGs, Oracle RAC, NGINX (Load Balancer)

- **Scripting and Automation:** Python, PowerShell, VBScript, DevOps (CI/CD, GitHub), Terraform, OpenTufo, Bash

- **API and Integration:** IBM Integration Bus, IBM MQ, RabbitMQ, Kong, FastAPI, NGINX (API Gateway), Kafka (Dist Event Streaming)

- **Cloud:** Public Cloud (AWS, Azure, GCP), Private Cloud (Openstack,VCF),

- **Data Analytics:** Tableau, Power BI, Grafana, Scikit-Learn, Hugging Face, Kaggle, AWS Managed Grafana

- **Machine Learning Algorithm/Tools:** Supervise, Unsupervise, Linear/Logistics Regression, KNN, Naïve Bayes, PCA, JupyterNB, Goggle Colab, Python, Orange

- **Databases:** Relational DB (MSSQL, MySQL, Postgres, OracleDB), NoSQL (MongoDB, Firebase), Time-scale (AWS Timestream), Vector DB (QdrantDB, Chroma), AWS DynamoDB, GCP CloudSQL, Azure SQL

- **Operating Systems:** Windows, Linux, macOS

- **Virtualization/Management:** Hyper-V, Esxi, Proxmox, HCI, AHV (Nutanix), vCenter, Hyper-V Manager, SCCM, SCOM, App-V, Citrix Virtual Desktop/Xendesktop, Azure Virtual Desktop, AWS Workspaces

- **Identity and Monitoring:** Active Directory, Microsoft Entra, ADFS, SPNEGO, SAML, OAuth, system monitoring (Splunk, Zabbix, Grafana, Open Telemetry, Prometheus), KeyCloak, OpenID Connect

- **Architecture Modelling/Tools:** C4, UML, BPMN, ERD, Archi, Visio, PlatUML, Excalidraw, Draw.Io, LucidChart

- **Containerization:** Docker, Kubernetes, Redhat Openshift, AWS ECS, AWS EKS, GCP GKE, Azure AKS

- **AI Technologies:** AI Agent design patterns, Prompt Engineering, Ollama, LLMs (GPT, Llama, WatsonX, Qwen, Gemini, Claude), MCP

- **AI Development Frameworks/Platform:** LangChain, LangGraph, CrewAI, n8n, LangFlow, Ollama, Hugging Face

- **Vector DB:** Sentence Transformer, Embedding, ingestion, tokenization, querying (Chroma, Qdrant, Neo4j)

PERSONAL DOSSIER

Date of Birth: 6th Nov 1973 **\| Residency:** Singapore Permanent Resident **\| Nationality:** Filipino