

SANJEET KUMAR

Enterprise Architecture & Technology Governance Leader

Critical Infrastructure · Sovereign Digital Resilience · AI Governance

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◆ PROFILE

Technology architecture leader with 25+ years across critical national infrastructure, banking, and government. Currently heads the enterprise architecture function at LandSure Systems — technology arm of the Land Title and Survey Authority of BC, operator of the province's land title registry, the legal system of record underpinning British Columbia's property market. Specialist in sovereign digital resilience: keeping high-consequence public systems trustworthy, auditable, recoverable, and jurisdictionally controlled — spanning data sovereignty, business continuity and vendor-exit architecture, disciplined technology governance (PMP, CGEIT, COBIT, TOGAF, ISO/IEC 27001 & 20000-1 Lead Auditor), and governed adoption of agentic AI. A decade of GCC experience across banking and conglomerate sectors (RAKBank, Al-Futtaim), with active UAE ties.

◆ CORE AREAS

- Sovereign digital resilience — data sovereignty, residency, and century-scale record integrity for systems of public record; sovereign cloud enablement aligned with national AI strategies (incl. UAE National AI Strategy 2031); governance of tokenized public records and DLT-anchored registries
- Critical-infrastructure architecture — land registry and financial systems where failure is a public-trust event
- Technology governance & assurance — COBIT/CGEIT frameworks, architecture review boards, audit-grade decision records
- Business continuity & concentration-risk reduction — vendor-agnostic, decoupled, exit-capable platform design
- AI governance & agentic AI delivery — from governance framework to production MVP; trusted-AI boundaries in sovereign systems
- M&A technology strategy — due diligence and post-merger integration across regulated, multi-sector portfolios
- GCC regulatory fluency — DIFC, SAMA, CBUAE outsourcing regimes, UAE PDPL, and NESAI/SIA information-assurance standards

◆ EXPERIENCE

Manager, Enterprise Architecture (Head of EA Function) — LandSure Systems / LTSA, Vancouver **Jun 2023 – Present**

Lead the enterprise architecture function (8 architects) for BC's land title and survey systems — critical provincial infrastructure serving government, industry, and the public.

- **Custodian of critical national infrastructure:** accountable for target architecture, technology principles, and governance of the registry systems whose integrity and availability underpin the province's property market and lending system.
- **Data sovereignty in practice:** led platform selection and solution architecture for the Digital Vault records program — century-scale record authenticity, jurisdictional control, and a deliberately vendor-agnostic, decoupled design.
- **Resilience engineering:** built the enterprise technology heatmap and multi-year roadmap driving disciplined decommissioning and modular design — reducing concentration risk and keeping every platform exit-capable.
- **Governed AI adoption:** initiated and shaped an agentic-AI modernization MVP with acknowledged multi-million-dollar savings; cut MVP cycles from ~6 months to 6 weeks inside a governed framework; established AI-governance guardrails for a system of public record.
- **Architecture governance:** manage the lifecycle of EA artifacts — technology principles, governance processes, architecture reviews — feeding the organization's technology governance forums.
- **Emerging-technology governance:** guided blockchain/Web3 and AI proofs-of-concept for registry applications; published on governance frameworks for tokenized land title.

Principal Consultant & AI/Automation Architect — Robotiq Technologies (own consulting practice), Vancouver / Seattle **Jul 2017 – Jun 2023**

- **Government of Alberta:** designed multi-tier architecture for the province's Grants services — high availability and end-to-end auditability for public funds disbursement.
- **Coast Capital Savings:** established TOGAF-aligned enterprise architecture methodology for one of Canada's largest credit unions.
- **HSBC Global:** led solution review and re-architecture of e-Banking platforms.
- **Concert Properties:** capability modelling, maturity analysis, and technology roadmaps across all lines of business.
- **Intelligent automation:** delivered RPA programs (Blue Prism, UiPath) — early foundation of current agentic-AI practice.

General Manager — Enterprise Architecture & IT Compliance — Al-Futtaim Group, Dubai **Aug 2012 – Jun 2017**

- **Group-wide governance:** led enterprise architecture and information security domains across retail, automotive, and financial services businesses.
- **Regulatory and data-law compliance:** defined group policies, standards, and SLAs against DIFC, SAMA, and UAE data regulations — jurisdictional data control across a multi-country conglomerate.
- **Cloud with sovereignty constraints:** designed the group's cloud integration architecture and led legacy migration, balancing cost, agility, and data-residency obligations.

Senior Manager — Enterprise Architecture — RAKBank (National Bank of Ras Al Khaimah), Dubai **2007 – 2012**

- **EA from the ground up:** established the bank's enterprise architecture practice on TOGAF.
- **Continuity-critical financial infrastructure:** architecture for core-banking transformation — payment gateways, e-Banking, ATM networks, SWIFT exchange.
- **Legacy modernization:** replaced point-to-point legacy integration with a hybrid middleware ecosystem.

Senior Software Engineer — Google, Mountain View **2006 – 2007**

Manager — Business Systems — HSBC Bank, Vancouver **2000 – 2006**

Analyst / Consultant — Accenture, Mumbai **1997 – 2000**

◆ EDUCATION

- Post-Graduate Diploma, Business Administration — University of California, Berkeley (Extension), 1996–97
- B.Tech Honours, Civil Engineering — Indian Institute of Technology (IIT) Kharagpur, 1993
- Founding member, UAE & Middle East IIT Alumni Group

◆ CERTIFICATIONS

- Certificate in Artificial Intelligence — Harvard University edX (2020)
- TOGAF Enterprise Architect (The Open Group)
- COBIT 5 (APMG-ISACA)
- CGEIT — Certified in the Governance of Enterprise IT (ISACA)
- Lead Auditor — ISO/IEC 27001 (ISMS) and ISO/IEC 20000-1 (ITSM), RABQSA
- PMP (PMI)

◆ PROFESSIONAL AFFILIATIONS / PUBLICATIONS

- Member - The Open Group, ISACA and PMI
- Berkeley Alumni Innovation Chapter
- Author, "Sovereign Digital Resilience" paper series — incl. Tokenized Title: Five Governance Questions for On-Chain Land Registries (2026)
- Author. "AI Gateway – way forward" - <https://www.sanjeetkumar.com/papers/ai-gateway-advantage-whitepaper.pdf>