

Nagesh Rangana

Chief Digital & AI Officer | Digital Transformation Leader

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Summary

Visionary Chief Digital & AI Officer with 24+ years of global leadership experience driving enterprise-wide digital transformation, AI innovation, and technology strategy. Proven track record of architecting multi-million-dollar digital roadmaps (\$35M+) across government, real estate, and smart city sectors. Expert in bridging business strategy with tech innovation, leading modernization of core platforms (SAP S/4HANA, Oracle Fusion), and launching AI-driven IoT solutions. Trusted C-suite advisor with a focus on revenue generation, cost optimization, and sustainable transformation.

Core Competencies

Strategy

- Digital & AI Strategy,
- Enterprise Architecture,
- IT Governance,
- Risk Management

Innovation

- Generative AI / ML,
- IoT & Smart City Solutions, Digital Twins,
- RPA

Platforms

- ERP Transformation (SAP S/4HANA, Oracle), MDM
- CRM (Salesforce), eProcurement – Coupa/Ariba
- Cloud (AWS/Azure)

Leadership

- Budget Management (\$35M+), Board-Level Advisory,
- Global Team Management (75+)

Education

- Master of Science (M. Sc) RTUniversity, India
- Bachelor of Technology (B. Tech) JNT University, India
- Digital Transformation Program, IIM Bangalore

Work history

RAK Government, UAE

2020–Pres. Head of Technology, Government Services, UAE

- Digital Strategy: Executed a 5-year \$35M roadmap aligned with UAE Vision 2030, integrating AI and IoT across 7+ government verticals with 7000+ users.
- Agentic AI & Data Strategy: Architected Agentic AI platform and Unified Data Fabric to power specialized AI agents and autonomous workflows.
- Smart City Innovation: Launched Integrated Command Control Centre (ICCC) using ESRI for City Digital Twins and implemented IoT Smart Street Lighting (16k+ units), saving 35% energy, and Emirate wide Waste management.
- Capital Program & Project Controls: Led the implementation of Oracle Unifier and Primavera P6 for enterprise-wide capital project management, integrating project scheduling, cost controls, and reporting across infrastructure and smart city initiatives.
- Revenue Impact: Managed \$15M Smart Toll infrastructure generating \$100M+ annual revenue. ◦ Enterprise Systems: Led SAP S/4HANA, Oracle EBS, and Infor EAM deployments for centralized asset management.

Alhamra Group, UAE

2018–2020 Group Chief Information Officer, Multi-Industry Conglomerate, UAE

- Transformation: Restructured IT for 10+ entities, reducing operational costs by 25%.
- ERP Leadership: Spearheaded SAP S/4HANA implementation across 10 entities integrated with SAP SuccessFactors and Salesforce CRM.
- Efficiency: Introduced RPA for finance and vendor management, improving operational efficiency.

● Certifications

- PMP (Project Management Professional)
- SAP Activate Project Manager
- ITIL / ITSM
- TOGAF 9 Certified
- Cloud Solution Architect (AWS)
- Lean Six Sigma International sales support

● Awards & Recognitions

- 2023-25
GovTech SmartCity Project Award
- 2022
CIO Leadership Award- CIO Insider
- 2013-23
Multiple Best CIO Awards

● Industry Domains

- **Government / Public Sector:** Municipal Services, Smart City, Utilities, Waste Management, Tolling, Street Lighting
- **Real Estate & Construction:** Property Development, Malls, Facility Management
- **Conglomerates:** Multi-industry, Multi-country Operations
- **Hospitality & Leisure:** Hotels, Golf Clubs, Marinas
- **Manufacturing & Process Automation:** Supply Chain, SCADA/DCS
- **Retail & e-Commerce:** Smart Malls, Digital Commerce
- **Banking & NBFC:** Financial Services
- **Healthcare & Startups:** Facility Management, Digital Product Development

● Work history

- Deployed Oracle Unifier and Primavera to standardize project lifecycle management across real estate development and construction.
- Smart Mall Digital Transformation: Smart Mall initiatives for Manar Mall (UAE) and Tbilisi Mall (Georgia), deploying IoT-enabled facility management systems, digital wayfinding solutions, and customer engagement platforms.

Nitesh Group, India

2014–2018 Head of Technology / General Manager, Real Estate & Smart Cities, India/APAC

- Smart City Projects: Led IoT-based waste and water management systems in ELCITA (Bangalore) and Amaravati Smart City.
- Digital Channels: Developed Property Management Apps.
- Smart Mall: Nitesh Hub, Pune
- Spearheaded the deployment of Oracle Aconex to centralize document management, RFI workflows, and field collaboration for multi-party stakeholders in major infrastructure projects.

Subhash Group, India

2009–2014 General Manager (Technology), Urban Development, India

- Smart Water: Developed SPMLAqua, a GPRS/IoT-based metering solution for 1M+ meters.
- Integrated Waste Management Solution for Delhi Waste Management
- Infrastructure: Built a Tier-3 Data Centre and implemented RFID/GPS tracking for 500+ waste collection vehicles
- Led the rollout of Oracle Primavera for large-scale urban infrastructure projects, enabling multi-project scheduling, resource optimization, and real-time reporting for government stakeholders.

PricewaterhouseCoopers, India

2008–2009 Senior Advisory

- Worked on multiple government projects and support technology initiatives right RFP, Tendering, & Execution phase.

Double A, EPAC

2004–2008 Project Lead,

- Multiple technology projects, SAP, MAXIMO, & 12 - SCADA / DCS deployments across the East Asia Pacific

MultiTech, India

2001–2004 SCADA / Embedded Engineer

Competency Areas

Competency Area	Specific Skills / Technologies	Proficiency	Evidence (Key Projects)
Digital Transformation & IT Strategy	End-to-end digital strategy, legacy modernization, enterprise architecture, change management, IT governance, digital KPIs, stakeholder alignment, innovation roadmaps	Expert	Government Tech Advisory (RFP, vendor selection, governance frameworks), Agentic AI strategy, Smart City blueprint (ICCC + Digital Twin foundation), Coupa & SAP S/4HANA strategic sourcing
Smart City & IoT Solutions	IoT sensors (LoRa, NEMA), SCADA integration, real-time monitoring, digital twins, smart metering, waste management, street lighting, fleet telematics	Expert	Smart Street Lighting (16K+ lights), Smart Waste Management, Central Command Center for Water (70+ SCADA systems), SPMLAqua (1M+ meters), Intelligent Fleet Tracking (1,200+ vehicles)
Enterprise ERP Implementation (SAP)	SAP S/4HANA, SAP ECC (FI/CO, SD, MM, PS, HR), SAP BusinessObjects, SAP Fiori, SAP SuccessFactors, data migration, change management	Expert	RAK Government S/4HANA, Alhamra Group S/4HANA (10+ entities), Nitesh Group ECC (7 entities), Subhash Group ECC (8+ entities, 300+ users)
AI & Data Platforms	Agentic AI, LLMs, data lake/fabric, conversational AI, predictive analytics, route optimization algorithms	Advanced	Agentic AI & Unified Data Platform (40% query automation), Intelligent Fleet Tracking (AI route optimization), Smart Waste Management (predictive analytics)
Project & Portfolio Management (PPM)	Oracle Primavera P6, Oracle Unifier, Oracle E-Business Suite, Oracle BI Publisher, GIS integration, resource planning, cost control	Expert	Enterprise PPM (100+ EPC projects), 20% resource utilization improvement, 15% cost overrun reduction
E-Procurement & Spend Management	Coupa (P2P, sourcing, contracts, supplier management, invoicing), SAP Ariba, tendering, auctioning	Advanced	Coupa Suite for RAK Government (\$500M+ spend managed, 80% cycle reduction)
Citizen & Customer Digital Services	Mobile apps (iOS/Android), web portals, federal system integration (DED, ICA, Police), NOC/permit systems, violation management, service booking apps	Expert	Smart Inspector App (200k+ inspections), VMS & NOC systems (500k+ fines), Pest Control & Pet Clinic apps (300k+ transactions)
Contact Centre & Omnichannel	Genesys, IVR, CRM integration, SLA management, omnichannel support	Advanced	Centralized Genesys Contact Centre (30% FCR improvement, 98% SLA)
Smart Mall & Real Estate Tech	IoT footfall analytics, beacons, digital signage, parking guidance, BMS integration, facility management, SAP RE-FX	Advanced	Manar Mall, Tbilisi Mall, Nitesh Hub (25k+ app downloads), Property Management System (25,000+ units)
Robotic Process Automation (RPA)	UiPath, SAP integration, finance automation (AP, vendor management, reconciliations)	Proficient	RPA for Finance Transformation (40% efficiency gain, \$500k+ savings)
Data Centre & DR/BCP	Tier-3 standards, virtualization, SAN, backup solutions, disaster recovery	Proficient	Built 3 Data Centre & DR/BCP Setup (high availability, successful drills)
SCADA & OT/IT Integration	SCADA integration layer, HMI/SCADA, RTUs, PLC protocols, telemetry, historian databases	Expert	Central Command Center for Water Management (70+ SCADA systems), Regional SAP & SCADA rollout (12+ systems)
Government Advisory & Governance	RFP development, vendor selection, project governance, procurement compliance	Advanced	Government Tech Advisory (multiple public sector projects)