

TARAK MODI, M.S., M.B.A.

TECHNOLOGY EXECUTIVE | DIGITAL TRANSFORMATION & INNOVATION LEADER

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EXECUTIVE PROFILE

Technology executive, enterprise architect, and published thought leader with 30+ years leading digital transformation, IT modernization, enterprise architecture, cybersecurity, and complex technology delivery across federal and commercial environments. Connects business and mission priorities with technology strategy and execution, leads multidisciplinary teams, and translates emerging technologies into measurable organizational value. Author of two technology books, *Living in the Innovation Age* and *Professional Java Web Services*, and 80+ published articles.

SELECTED CAREER IMPACT

\$7.6M annual savings — Six Sigma transformation consolidating 60+ client-facing technology centers into seven global Executive Innovation Centers.

200% win-rate improvement — Chief Architect on approximately \$500M annually in strategic proposals.

\$50B application portfolio — Modernized 70+ PCI-compliant applications with peak loads exceeding 2,000 transactions per second.

Deployment: days to hours — Reduced 4–5 person-days to 2–3 hours while increasing releases from 2–3 annually to every 2–3 weeks.

65 DoD data centers — Consolidated and virtualized geographically dispersed data centers into a centralized environment.

CMMI Capability Level 4 — Established a corporate-wide quality audit program for Process and Product Quality Assurance.

CORE EXPERTISE

Strategic Leadership & Capture	Enterprise Architecture & AI	Governance & Scale Delivery
– Digital Transformation – Technology Strategy – Business Development – Capture Management	– Enterprise Architecture – AI & Automation – Solution Architecture – Cloud & Enterprise Platforms	– Cybersecurity & Risk – Agile & DevSecOps – Program Management – Modernization Strategy

PROFESSIONAL EXPERIENCE

TekNirvana | Founder, President & Chief Technology Officer

2012–Present

Provide strategic technology, transformation, and innovation leadership to federal and commercial organizations; advise senior executives on IT strategy, enterprise architecture, modernization, cybersecurity, emerging technologies, business development, and delivery.

- Serve as Technical/Solution Lead for \$250M+ in proposals, oral presentations, and technical challenges, helping partners and clients win multimillion-dollar contracts across DoD, DHS, HHS, DOS, DOL, NASA, NARA, and other agencies.
- Lead enterprise AI & ServiceNow strategy, architecture, development, and modernization for EPA across ITAM, CMDB, ITOM, Intake/Resource Management, governance, strategic roadmaps, and Agile/DevSecOps; serve as Technology Director for a 50-FTE architecture/development organization supporting a 400-FTE modernization program.
- Led DevOps/Agile transformation for a \$100M Department of State program, cutting deployment from 4–5 person-days to 2–3 hours and moving releases from 2–3 annually to every 2–3 weeks.
- Led the consolidation and virtualization of 65 geographically dispersed data centers at DoD MEPCOM into a centralized environment, improving infrastructure efficiency and standardization.
- Led modernization of 70+ PCI-compliant applications processing \$50B annually; implemented an ISSO/FISMA program covering 45 major and 45 minor systems; supported FDA 510(k) clearance for a telemedicine solution.

CALIBRE | Vice President & Chief Technology Officer

2010–2012

Senior leadership team member and enterprise technology executive directing technology strategy, innovation, enterprise architecture, investments, and technology-enabled business development.

- Developed CALIBRE's first enterprise IT Strategic Plan; established two Microsoft Gold competencies generating approximately \$200K in annual benefits.
- Helped achieve CMMI Maturity Level 2 and established the corporate audit program that advanced PPQA to Capability Level 4.
- Created quarterly Technology Town Halls connecting 130+ IT professionals (approximately 20% of workforce and 25% of revenue) and served as corporate technology spokesperson.

PROFESSIONAL EXPERIENCE — CONTINUED

G&B Solutions | Principal Architect

2009–2010

Provided technology strategy, innovation, cybersecurity, and enterprise architecture leadership; led federal solution architecture/business development and agency transformation initiatives involving cloud, virtualization, SOA, and emerging technologies.

Unisys Corporation | Director of Technology & Architecture / Executive Architect

2005–2009

Progressed from Executive Architect to Director, providing global architecture, technology strategy, business development, and organizational leadership.

- Led Six Sigma consolidation of 60+ client-facing centers into seven Executive Innovation Centers, generating \$7.6M in annual savings; established and led a 20-person offshore organization.
- Served as Chief Architect on approximately \$500M annually in proposals, contributing to a 200% improvement in corporate win rates.
- Developed global SOA training for 650+ architects and standardized delivery practices using TOGAF, Zachman, ITIL, CMMI, PMI, and Shipley.

The North Highland Company | Principal / Senior Specialist

2001–2005

Provided enterprise architecture and technology leadership to Fortune 100 companies and government agencies.

- Served as Enterprise Architect for a \$2B division of a Fortune 10 company, developing technology strategy and realigning IT to improve agility.
- Architected Georgia's first multilingual state web application, a Center for Digital Government finalist; reduced a major e-commerce transaction response from 60+ seconds to under five seconds.

EARLIER TECHNOLOGY & ARCHITECTURE CAREER

Online Insight | Lead Systems Architect

1999–2001

Re-architected flagship Precision Choice from a monolith into a scalable, distributed multi-tier Java/CORBA architecture.

Clarus | Research Engineer / Software Architect

1998–1999

Architected a multi-tiered, component-based C++/DCOM/MTS product development framework.

Radiant Systems | Software Developer / Architect

1997–1998

Re-architected credit-card processing, improving performance by more than 100%.

United Technologies | Software Engineering Consultant

1995–1997

Architected the painting subsystem for the F-22 Large Painting Robot at Lockheed Martin.

EDUCATION & EXECUTIVE DEVELOPMENT

M.B.A., Georgia State University

GPA 4.0/4.0

B.E., Electrical Engineering, L.D. College of Engineering

GPA 4.0/4.0

M.S., Computer Engineering, University of Alabama

GPA 4.0/4.0

Executive Development

Gartner CIO Academy • SEI/CMU Software Architecture Professional • SEI ATAM Leader & Evaluator

PROFESSIONAL CREDENTIALS & THOUGHT LEADERSHIP

PROJECT MANAGEMENT & AGILE

PMP • PMI-ACP • SAFe Agilist • CSP • CSM

TECHNICAL

TOGAF • ITIL • AWS Certified Solutions Architect • Microsoft Certified Professional – Azure

CYBERSECURITY

CISSP • CISM • CISA • CEH

BOOKS & INDUSTRY LEADERSHIP

Living in the Innovation Age • Professional Java Web Services
80+ published articles • Speaker • Panelist • White Paper Author