

SEYDOU LY

Fractional CIO · AI Program Leader · Advisory

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PROFILE

Senior Information Technology Officer at The World Bank Group with 20+ years leading enterprise IT, business systems, and AI programs in regulated, mission-critical environments. Three production AI products shipped, an internal accelerator platform that cut AI solution delivery time ~50%, and a 38-person delivery team across product, engineering, and vendor partners. Equally at home authoring the strategy a VP defends and running the steering committee that ships the outcome. **Available for fractional CIO, AI program lead, and advisory engagements.**

SELECTED PROOF

Audit Review Tool. Conceived, built, and shipped the institution's first operational AI product. Earned an institutional innovation award; later demonstrated to IFAD, IADB, and peer organizations as a reference for AI in regulated, audit-sensitive environments.

Mai - Enterprise AI Platform. Platform owner for the institution's internal AI assistant. Secure, role-based capability used institution-wide. Three production AI products live with responsible-use guardrails built in from day one.

Internal AI Accelerator Platform. Productized RAG pipelines, document extraction, vector search, and Databricks-backed analytics into a shared catalog. Cut AI solution delivery time ~50%; enabled a GPT-4 data extraction tool delivered in two weeks.

Enterprise Cloud Migration. Mobilized 80M+ documents across business units and global country offices onto cloud platforms - delivered remotely during COVID-19. Established the data foundation for downstream business systems and AI.

TECHNICAL SKILLS

AI, Machine Learning & Platforms: Generative AI, Large Language Models (LLM), Retrieval-Augmented Generation (RAG), Agentic AI, AI Strategy, AI Governance, Responsible AI, NIST AI RMF, Document Intelligence, Computer Vision, Vector Search, Model Evaluation, LLMops, AI Product Management, Claude, Claude Code, GPT-4, OpenAI, Anthropic, AWS Bedrock, Azure AI Foundry, Azure OpenAI, Databricks, Microsoft Copilot

Cloud, Data & Business Systems: CRM, Microsoft Dynamics, ERP, Microsoft Azure, AWS, Cloud Migration, Cloud Strategy, Data Governance, Enterprise Search, Knowledge Management, SharePoint, Microsoft 365, M365, Office 365, OutSystems, Low-Code Platforms, Power Platform, Power BI, Enterprise Content Management

Methodologies & Governance: PMP, SAFe Agile, Scrum, Waterfall, Hybrid Delivery, Program Management, Portfolio Management, Project Management, Stage-Gate Governance, Change Management, Risk Management, Stakeholder Management, Vendor Management, ITIL

Security, Privacy & Compliance: Information Security Partnership, Cybersecurity Strategy, Data Privacy, GDPR, Internal Audit, Compliance Frameworks, Regulated Environments, IT Controls

Tools & Languages: Jira, Confluence, Smartsheet, VersionOne, Microsoft Project, Python, SQL, Oracle, PL/SQL

Leadership: IT Strategy, Digital Transformation, Enterprise Architecture, Technology Roadmap, IT Business Partner, Budget Management, Executive Communication, Cross-Functional Leadership, Distributed Team Leadership

EXPERIENCE

Senior Information Technology Officer The World Bank Group · Washington, DC	2014 - Present
SharePoint Lead Architect & Product Manager American University · Washington, DC	2010 - 2014
Associate Director of Innovations TAG Integrated Technologies (Asbury healthcare-adjacent) · Gaithersburg, MD	2007 - 2010
Software Engineering & Systems Analysis Corporate Executive Board · Digital Infuzion · Computer Products Inc.	2000 - 2007

EDUCATION & CREDENTIALS

M.S., Technology Management, George Mason University · **B.S., Computer and Information Science**, University of Maryland
MIT Sloan: AI - Implications for Business Strategy · **MIT Professional Education:** No-Code AI and Machine Learning
PMP · **SAFe 6 PO/PM** · **CSM** · **CSPO** · **ITIL Foundation** · Fluent in English and French