MONTO PAUL RODRIGUES

AI & Digital Transformation Leader |
Innovation Officer, Digital Officer, Head of AI, Innovation & Emerging Technologies, Head of Digital Transformation & AI, Generative AI Practice Lead, Head of Applied AI & Advanced Analytics, Head of AI Research & Development, Global AI Strategy Lead

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"Innovation isn't just my passion—it's my purpose. I thrive on pushing boundaries, exploring the uncharted, and bringing transformative AI solutions to life."

Dynamic AI and Digital Transformation executive with 18+ years of leadership in driving innovation, Generative AI adoption, strategic planning, and transformative solutions across global organizations. Proven advisor to C-suite executives, adept at aligning AI strategies with business outcomes, achieving over $500M in savings through AI implementations. Passionate about leveraging Generative AI, fostering sustainability, and leading high-performing, cross-functional teams to deliver scalable growth and operational excellence.

PROFILE SUMMARY

- **Trusted Advisor & Digital Transformation Leader**: Proven track record advising ***C-suite executives*** on end-to-end ***digital strategies***, guiding large-scale transformation initiatives, and driving **innovation** through *Generative AI*.

- **Generative AI Architecture & Deployment**: Successfully designed and implemented *enterprise-wide Gen AI solutions*, creating *proprietary architectures* and frameworks that enabled *rapid, reliable deployment*. Delivered more than **$500M** in savings through *50+ Gen AI use cases* by fostering cross-functional collaboration and scalability.

- **Autonomous Gen AI Agent**: Leading persona driven autonomous agent development, like Demand Planning Agent improved forecast accuracy by **18% and reduced manual effort by 72%.**

- **Order Entry Automation & Document Parsing**: Deployed a *human-on-the-loop* Gen AI solution that cut order entry effort by **40%** and boosted document parsing accuracy from **74% to 89%** over existing OCR systems.

- **Digital Logistics Platform (STEAR):** Spearheaded the design and rollout of a next-generation logistics platform STEAR (a **Petronas** Product Offering) in partnership with **Petronas**, reducing **CO_2 emissions by 15%, vessel idling time by 21%, improving schedule adherence by 32%, and increasing deck utilization to 82%.**
    - UX Design: Led the **UX** design for **STEAR**, recognized with the **UX Design Award 2023**.

- **Thought Leadership:** Awarded **Thought Leadership and Innovation Pioneer Award** consecutively for **five years**; filed **four patents** and developed **38 Gen AI & 39 AI Assets** in supply chain, logistics, and sustainability

- **Leadership & Team Management**: Seasoned professional with techno-functional expertise, leading diverse teams of up to **60 members**. Adept at orchestrating complex restructuring projects that deliver significant cost savings, strengthened stakeholder relations, and sustainable business performance.

CORE COMPETENCIES

GENERATIVE AI & TECHNOLOGY

- Enterprise-wide Generative AI Architecture & Implementation
- Autonomous Gen AI Agents & Agentic Frameworks
- Prompt Engineering and optimization
- Gen AI Model Fine-tuning and Deployment
- AI model Guardrails & Evaluation (offline & online)
- Ethical AI Practices & Responsible Innovation
- AI/ML Model development, data pipeline and feature engineering.
- Hands on full stack development

STRATEGY & LEADERSHIP

- Digital Transformation & IT Strategy
- Innovation Leadership & Strategic Planning
- Consulting, Solution Architecture & Stakeholder Management
- Project & Program Management

WORK EXPERIENCE

SENIOR PRINCIPAL, AI & GENERATIVE AI INNOVATION LEAD
Accenture Solutions Pvt. Ltd. | Mumbai | Dec 2013 – Present

- **Strategic Leadership:** Spearheaded global **AI strategy** aligned with organizational objectives, driving innovation, scalability, and competitive advantage through advanced **Generative AI applications** for some of the biggest CPG companies saving more than **$500M**.

- **Enterprise Gen AI Solutions:** Developed **proprietary AI platforms**, including **agentic, tool and workflow frameworks** (like **Text-to-SQL** achieving **95%** accuracy on

complex schemas) which significantly accelerated development & deployment across industries.

- **Autonomous AI Agents**: Implemented persona-driven autonomous agents, delivering **$100M** savings in Supply Chain functions. Example: Demand Planning Agent improved **forecast accuracy by 18%**, reducing **effort by 72%.**
- **STEAR Platform (Petronas Partnership):** Led design, architecture, development and deployment, reducing **CO_2 emissions by 15%, fuel consumption by 18%, vessel idling by 21%**, and enhancing **schedule adherence by 32%.** UX recognized with **UX Design Award 2023.**
- **Thought Leadership:** Awarded **Thought Leadership and Innovation Pioneer Award** consecutively for **five years**; filed **four patents** and developed **38 Gen AI & 39 AI Assets** in supply chain, logistics, and sustainability.
- **Team & Stakeholder Management**: Mentored teams of up to **60**, fostering innovation, excellence, and continuous learning, ensuring strategic alignment with stakeholder expectations.

PRODUCT OWNER & IT HEAD
Global SW Innovations India Pvt. Ltd. | Gurugram| Jun 2012 - Dec 2013

- **Real-Time Financial Solutions:** Led the design and implementation of **GECL Money Transfer** platform in collaboration with **Muthoot Group**, processing 5 min payouts for **1.8M** secure cash transactions monthly.
- **AI-Based Compliance**: Developed and deployed Global Compliance AI solution automating transaction monitoring and approvals, increasing Bank transaction approval rates by **32%**.
- **SWIFT Integration**: Delivered international and domestic banking transaction systems using SWIFT protocols, reducing international transaction processing time by **50%**.
- **Leadership & Team Development**: Successfully coached and guided teams, emphasizing innovation, collaboration, and continuous performance improvement.

AUTOMATION & DATA ENGINEER (IC)
Agilent Technologies International Pvt. Ltd. | Gurugram| Oct 2010 - Jun 2012

- **Process Automation:** Delivered VBA and SSIS-driven solutions automating complex workflows across Excel, Access, and Outlook.
- **Operational Efficiency:** Automated the Territory Alignment process, achieving a **90%** reduction in effort (previously 4 months and 5 FTEs).
- Innovative Data Integration: Engineered autonomous integration between **SAP HANA** and **s** achieving an annual savings of **642-man hours.**

PREVIOUS WORK EXPERIENCE

- **AUTOMATION SPECIALIST & BUSINESS ANALYST:**
  - Genpact India Pvt. Ltd. | Gurugram| Jan 2008 - Sep 2010
- **L2 TECHNICIAN:**
  - Wipro BPO | Mumbai | Jun 2007 - Jan 2008
- **PROJECT COORDINATOR:**
  - Asha Niketan Welfare Center | Bhopal | Jan 2005 - Jun 2007

Explore Detailed Profile at: https://mrodrigues.in/

SUPPLY CHAIN EXPERTISE
- Supply Chain Analytics & Resilience
- Sustainability & ESG Strategies
- Inventory Optimization & Demand Planning

TOP 10 CLIFTON STRENGTHS
- Strategic
- Learner
- Achiever
- Relator
- Activator
- Ideation
- Futuristic
- Responsibility
- Individualization
- Belief

EDUCATION & CERTIFICATIONS
- BCA in AI & ML: SGSU, Bhopal
- BA in Economics: Barkatullah University, Bhopal
- Generative AI in Supply Chain Management: IIM Mumbai
- Data Interactions & Storytelling: Massachusetts Institute of Technology (MIT)

APPENDIX: SELECTED SOLUTIONS & INNOVATIONS

- **Autonomous Agents (Human on the loop):**
  - **Objective:** Develop autonomous, persona-based Generative AI agents that augment human decision-making by automating complex tasks for specific roles.:
  - **Skills & Technology:** GCP (Cloud), Generative AI (LLMs), Custom Agentic Framework, Tools & Workflow Framework, Prompt Engineering, Data-driven Decision Making, Supply Chain Analytics, Solution Architecture, Strategic Initiatives, Digital Strategy
  - **Outcome:**
    - **Demand Planning as a Service:** Improved forecast accuracy by 18% through an autonomous Gen AI agent with human on the loop.
    - **Supply Chain Spy:** Identified potential savings of $10M by proactively monitoring supply chain health, detecting exceptions, and providing actionable alerts**.**

- **Distress Inventory Companion**:
  - **Objective:** Recover margin losses (up to $15M) by creating a Generative AI co-pilot tool for root-cause analysis, scenario modeling and recommendations to reduce distressed sales.
  - **Skills & Technology:** GCP (Cloud), Generative AI, Custom Workflow Framework, Supply Chain Analytics, Data-driven Decision Making, Strategic Initiatives, Solution Architecture, Digital Strategy.
  - **Outcome:** Realized a savings of $5M by reducing distress-related sales   .

- **Communication Platform for Manufacturing Floor**:
  - **Objective:** Overcome language barriers for a production workforce (~52% non-English speakers), enabling real-time translated communication during meetings.
  - **Skills & Technology:** GCP (Cloud), Generative AI (NLP), Real-Time Technologies, Data-driven Decision Making, Digital Strategy, Solution Architecture, Strategic Initiatives.
  - **Outcome:** Leveraged Gen AI to provide real-time translation for workforce–supervisor interactions, significantly improving communication and collaboration.

- **Intelligent Order Entry**
  - **Objective:** Automate the manual PO-entry process—often received via fax and email—reducing drop rates and errors through a Gen AI-powered parsing and validation system.
  - **Skills & Technology:** GCP (Cloud), Generative AI (LLMs), Document Parsing, Data-driven Decision Making, Strategic Initiatives, Digital Strategy, Solution Architecture
  - **Outcome:** Saved $2M and processed 400 orders daily by reducing manual errors and drop rates.

- **Generative AI Platform & Framework:**
  - **Objective: Digital** Establish a holistic enterprise-level Gen AI platform that streamlines development and deployment while lowering complexity.
  - **Skills & Technology:** GCP (Cloud), Generative AI, MLOps, Tools & Workflow Framework, Data-driven Decision Making, Solution Architecture, Strategic Initiatives, Digital Strategy
  - **Outcome:**
    - Reduced development and deployment time by 50%.
    - Achieved 92% SQL generation accuracy via a proprietary Text-to-SQL framework.

- **Demand Planning Companion**:
  - **Objective:** Address challenges for demand planners dealing with large portfolios, long lead times, and high reliance on data scientists by providing a user-friendly AI co-pilot.
  - **Skills & Technology:** GCP (Cloud), Custom Workflow Framework, Generative AI, Supply Chain Analytics, Data-driven Decision Making, Solution Architecture, Strategic Initiatives, Digital Strategy.
  - **Outcome:**
    - Greatly shortened analysis and forecast-finalization time.
    - Enabled planners to manage large portfolios effectively with natural language-driven insights.

- **Product | N-Tier Supply Chain Navigator**:
  - **Objective:** Provide visibility beyond Tier-1 suppliers for complex global supply chains, mitigating risks from disruptions by mapping and analyzing multi-tier supply networks.
  - **Skills & Technology:** GCP (Cloud), Generative AI, Supply Chain Analytics, Advanced Risk Analysis, Data-driven Decision Making, Digital Strategy, Solution Architecture.
  - **Outcome:**

- o De-risked supply chains for 8+ clients.
- o Average deal size: > $5M.

- **STEAR (Petronas)**:
  - **Objective:** Optimize offshore vessel logistics via a control tower, leveraging real-time voyage tracking, scheduling, and fuel management.
  - **Skills & Technology:** AWS (Cloud), Process Optimization, Digital Automation, Advanced Analytics, Data-driven Decision Making, Solution Architecture, Strategic Initiatives, Digital Strategy.
  - **Outcome:**
    - o 15% CO_2 emission reduction.
    - o 18% decrease in fuel consumption.
    - o 21% reduction in idling time.
    - o 32% improvement in schedule adherence.

- **Custom Reporting Platform**:
  - **Objective:** Build an open-source, scalable reporting solution for a major US payments processor, eliminating high license costs and limited UX from existing enterprise tools.
  - **Skills & Technology:** AWS (Cloud), Process Optimization, Open-Source Tools, Data-driven Decision Making, Digital Strategy, Solution Architecture, Strategic Initiatives.
  - **Outcome:**
    - o 63% reduction in license costs.
    - o Improved UX and user engagement.

- **Product | Global Compliance:**
  - **Objective:** Enable AI-powered monitoring for a leading HK-based exchange house, reducing payment blocks and delays by generating compliance documentation for banks.
  - **Skills & Technology:** On-Prem Infrastructure, AI-based Monitoring, Process Optimization, Data-driven Decision Making, Digital Strategy, Solution Architecture, Strategic Initiatives.
  - **Outcome:**
    - o 32% increase in bank approval rates
    - o 48% decrease in transaction clearance time.

- **Platform | GECL Money Transfer**:
  - **Objective: Developed** Develop a real-time cash payout platform with Muthoot Group, supporting 3,000+ global payout centers and real-time compliance checks.
  - **Skills & Technology:** On-Prem Infrastructure, Real-Time Technologies, Process Optimization, Digital Strategy, Solution Architecture, Strategic Initiatives
  - **Outcome:**
    - o 5-minute optimized payout time.
    - o 1.8M transactions are processed monthly.

- **SWIFT Global Financial Connectivity Implementation:**
  - **Objective:** Simplify international transactions for a HK-based financial institute by integrating SWIFT APIs, bypassing complex multi-bank processes.
  - **Skills & Technology:** On-Prem Infrastructure, Financial Transaction APIs, Process Optimization, Digital Strategy, Solution Architecture, Strategic Initiatives
  - **Outcome:**
    - o 50% reduction in international transaction time.
    - o Enabled direct international payments.

- **Autonomous Data Refresh:**
  - **Objective: Developed** Automate daily data extraction from SAP HANA reports, previously handled manually via email attachments using Outlook VBA & SSIS.
  - **Skills & Technology:** On-Prem Infrastructure, SSIS, Outlook VBA, SAP HANA Integration, Process Optimization, Digital Automation
  - **Outcome:**
    - o Saved 1 FTE by triggering an SSIS package automatically through Outlook VBA.