

MAYURESH SARPOTDAR

Executive Director – Technology | OTC Confirmations

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PROFESSIONAL SUMMARY

Results-driven technology leader with **19+ years** at Morgan Stanley in the **Post Trade Processing** department, specializing in large-scale distributed systems, application stability, performance optimization, and delivery management across OTC Derivatives and Corporate Actions. Proven track record leading global teams, driving plant resiliency, and delivering complex programs that boost scalability, cut operational risk, and deliver measurable business impact. Currently **leading AI solution development for OTC confirmations document generation**.

PROFESSIONAL EXPERIENCE

Morgan Stanley

Executive Director · August 2006 – Present (19+ years) · Montreal

Lead, Plant Stability & Resiliency – OTC Derivatives

- **Lead a team of 20 developers** accountable for production stability, resiliency, and technical hygiene of the critical OTC derivatives confirmations platform.
- Drive global initiatives to reduce system incidents, optimize performance, and modernize infrastructure.
- Partner with global stakeholders to prioritize enhancements that significantly improve user experience and system reliability.
- **Lead AI solution build** for OTC confirmations document generation — driving GenAI adoption across the team to solve complex operational challenges.
- Own end-to-end responsibility for Interest Rate Derivatives confirmations (Paper & Electronic).

Key Projects & Achievements

- **Plant Stability & Capacity Expansion (Global Lead)** — Led 10-month global program clearing bottlenecks, upgrading hardware, and implementing asset-class isolation. Received **Global Technology Award (2020)** for business impact.
- **Product Renovation** — Enhanced product capabilities, reduced manual processing, and migrated asset classes to a modern payment processing engine and UI.
- **Breaks Reduction & Work Item Rationalization** — Redesigned work-item creation logic across asset classes, significantly cutting operational workload for business users and support teams.
- **Mainframe Decommissioning** — Led technical delivery replacing mainframe feeds with robust distributed applications — consistently delivering data **50% faster than SLA**.
- **Asset Servicing Platform Build-out (from 2015)** — Recruited and mentored a new team, stabilized the platform, improved scalability, and reduced production breaks and invalid work items.
- **OTC Clearing, Rates Migration, Settlement Journaling & more** — Delivered multiple high-visibility programs involving cross-functional coordination, architecture design, performance tuning, and successful production rollouts.

TECHNICAL EXPERTISE

AI / GenAI: Leading AI solution build for OTC confirmations document generation; driving GenAI adoption to solve production challenges

Languages & Frameworks: Core Java, Spring, XML

Databases: Sybase 12.5/15.5 (Performance & Tuning), MongoDB (Beginner)

Messaging: MQ Series

Core Strengths: Software Architecture · Performance Optimization · Code Reviews · Large-Scale Distributed Systems

EDUCATION

Bachelor of Engineering – Computer Engineering · 2006 · University of Mumbai, India

Summa Cum Laude

AWARDS & RECOGNITION

- Global Technology Award (2020)
- Campus Crusader Award (2017)
- CEO's Special Team Award (2015)
- Firm Value Award – Giving Back (2015)
- Keep Your Balance Award (2010)

INTERESTS

Food · Travel · Photography