

Gyan Mishra

Millburn NJ | Phone: (551) 482 5858 | Email: gyan.mishra@gmail.com
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SUMMARY

- Highly collaborative and innovative Engineering Manager with 18 years of hands-on software leadership experience driving, designing and building scalable, globally distributed applications & products for financial institutions and regulatory compliance division.
- Passionate for first-in-class engineering principles, clean extensible interfaces, code simplicity, system maintainability and testability. Drive for achieving metrics-focused business outcomes with an Agile mindset and a focus-to-finish attitude.
- Well-versed in building consensus, thinking big-picture and handling ambiguity. An intellectually curious, empathetic leader who believes in the immense potential of investing in people and teamwork.

COMPETENCIES

- Java, Spring, Webservices (REST/SOAP), IBM MQ
- Sybase, DB2
- Boxi, Tableau, Pega
- Distributed System Design, APIs/Micro services
- Distributed Caching, Messaging/Events Driven Design, Test Driven Development
- Python, OCR, Zookeeper, Treadmill
- Agile, GIT, Jenkins, JIRA, Devops tooling
- Large scale system design, maintenance and support
- Engineering team setup
- Organization Line & Matrix Management, Staffing, Budgeting
- Lateral/Campus Recruitments
- Client Onboarding, trade booking and allocations
- AML and non AML regulation implementation
- Business Workflow and Process Map modeling
- Technology solution vendor interactions and evaluations

PROFESSIONAL EXPERIENCE

Morgan Stanley Inc. | New York

May 2006 - Present

Executive Director

Oct 2018 - Present | New York

Role: Agile Fleet tech lead for Client Onboarding and KYC squads - Operations Technology

Primary Tech: Core Java, Pega Workflow, Angular, REST/SOAP WebServices/APIs, Gemfire Distributed Cache, Sybase, DB2, Treadmill, Zookeeper, Adobe OCR, MarkLogic document store, GIT, Agile Scrum

Projects and Engagement: Oversee, Support and manage Tech leads for extending Morgan Stanley's **Institutional Client KYC** and Client Onboarding platform. Responsible for overall **technical design** and delivery of renovated platform to achieve Sustainable state program for **Data and Document refresh** for clients in scope for KYC. Key goal of the project were to meet a commitment to Federal Reserve bank to achieve timely completion of KYC regulations.

Also, optimized delivery of another squad to design and develop uplift of regional KYC programs to latest Global Minimum standards set by Global Financial Crimes group. Increased the throughput of the team by 100%

Worked very closely with Shared Banking operations management to define 3 year **strategy roadmap** and this includes integration with Data Aggregators, Client outreach platform and automation of manual activities identified through Process Mining.

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Executive Director

July 2016 - Sep 2018 | New York

Role: Global tech lead for IED and FID Client Allocation platform

Primary Tech: Core Java, Multi-threading, WPF, IBM MQ, SOAP WebServices/APIs, Angular, Sybase, DB2, Perforce
Projects and Engagement: Led the **global team** of 30 developers and regional leads in building and integrating the Client allocation system for equity and FID products. Renovated the system to support over 3000 institutional clients and generate over 200K Client Notice and Allocations per day by aggregating over **8 millions** messages fed from the trading systems across equities, listed derivatives, swaps and prime brokerage business units. Defined the multi-year roadmap to consolidate allocation system for equity and fixed income and expanded the platform to handle client allocations across all regions including Branch Operations.

Executive Director

Dec 2014 - June 2016 | Bangalore

Role: Regional lead for equity Client Allocation platform

Primary Tech: Core Java, WPF, IBM MQ, SOAP WebServices/APIs, Sybase, DB2, Perforce
Projects and Engagement: Provided local leadership to **setup a new team** in Bangalore and additionally expanded the foot print of the super department in the region by participating in **campus and lateral hiring events**. Designed and development regional enhancement to the platform.

Senior Associate/Vice President/Executive Director

Oct 2007 - Dec 2014 | New York

Role: North America lead for equity Client Allocation platform

Primary Tech: Core Java, WPF, IBM MQ, SOAP WebServices/APIs, Sybase, DB2, Perforce
Projects and Engagement: Worked as a team lead managing the NY and Montreal team of 6 for Securities Allocation System in Core equity. Designed and developed various technical projects to enhance the capacity through vertical and horizontal scaling and throughput of the system. Liaised with business stakeholders to onboard different business units and products from equity swaps to Listed derivatives on the platform.

Senior Associate

May 2006 - Oct 2007 | Mumbai

Role: Software Engineer for Securities Allocation System

Projects and Engagement: Developed and integrated Syndicates business in the platform. Designed and developed the swaps position management within the core engine.

SmartStream Technologies | Mumbai

Mar 2004 - May 2006

Senior Associate

Mumbai

Primary Tech: Core Java, Java Swings, Oracle
Projects and Engagement: Worked as a Module Lead in one of the Leading product from SmartStream Technologies, [TLM PA](#) (Process Automation). Integrated different clients like Bank Of America, Citibank, Chase by prototyping their requirements and building a solution quickly.

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NucSoft Ltd | Mumbai

Oct 2002 - Mar 2004

Systems Engineer

Mumbai

Primary Tech: Core Java, Java Swings, EJB, Weblogic, Oracle

Projects and Engagement: Worked as a developer for [OrbiONE ALM](#) product developer for Polaros (Formerly Orbitech) for asset-liability management of any financial institute. Design / Programming the Business Logic components (EJB 2.0) on Weblogic Server 6.1/7.1, development of Usable GUI components in Java Swings.

EDUCATION

Master in Computer Applications

IGNOU University, India

June 2002-Dec 2005

Bachelor of Computer Science

First class with Distinction, Mumbai University, India

June 1999-June 2002

INTERESTS

Giving Back, Frugality, Tennis, Cycling, Marathons.