MANISH SHARMA
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Sr. Engineering Leader with 15+ yrs. of building and growing high performing teams

✓ Built large high performing, empathetic globally distributed Engineering orgs (up to 70)
✓ Launched successful products at high stakes, high pressure environments of Finance and Big Tech
✓ Diverse Product & Platform/Frameworks experience
✓ Hands-on leader, not a slide show jockey
✓ Adaptable & Versatile – can Zoom out or in as necessary
✓ Experienced at taking Products and Teams from 0 -> 1
✓ Mentor – strong track record of nurturing and growing Managers and ICs
✓ Collaborator - built successful partnerships with senior Business and Engineering stakeholders
✓ Closer - consistently exceeded delivery expectations, excel at turning around struggling projects/teams

Full-stack Architecture • Cloud Architecture • Data Architecture (RDBMS, NoSQL) • Analytics/Reporting • Data Governance • Master Data Management • Reference Data • Capital Markets • Prime Services

EXPERIENCE

Royal Bank of Canada, Jersey City, NJ   **Apr 2023 – todate**
Consultant
Architect and Program Manager on the R&D Team responsible for multiple squads building the infrastructure that is enabling RBCs move to a T0/T1 Settlements cycle.

Stealth startup (B2B2C), New York, NY   **Dec 2022 – todate**
Consultant (CTO)
Head of Engineering and Product for a consumer B2B startup in the restaurant tech industry
• Built the pre-seed, go-to-market MVP
• Partner with co-founders developing product strategy
• Developing integrations with 3rd parties in the ecosystem
• Coding foundational modules
Tech Stack –Python (Django), Postgres, REST, Flutter, AWS

Instagram (Meta), New York, NY   **Jun 2021 – Nov 2022**
Engineering Leader
Led one of Instagram's most impactful technical bets to accelerate mobile engineering productivity
• Led a highly skilled full stack Product Infra team responsible for a server-driven UI (SDUI) platform
• Impact
    • Increased the platform's footprint 2x across Instagram
    • Key technology in enabling several x-app features (security, Shopping) as well as IG Lite
    • Accelerated rollout of Youth safety features, Immersive video and several other product launches
    • Enabled the ambitious Settings rewrite effort to achieve > 2x productivity
• Planning/Strategy
    • Re-booted team mission/vision and re-built the team from a precarious state (loss of senior Engineering talent) into a highly motivated and impactful unit, helped grow Engineers into leaders
    • Developed and executed on a 2-year roadmap for Instagram-wide adoption
    • Advocated for the platform and established partnerships across Meta apps leading to high impact adoption wins across several products including Ads, Privacy, Growth
    • Expanded the team's charter to power x-app data access.
Tech Stack – iOS (Objective C), Android (Java/Kotlin), Python (Django), REST, GraphQL

RiskFocus Inc., New York, NY   **January 2021 – March 2021**
Client Engagement Manager
Short-term assignment with a boutique cloud consulting firm
- Led a team of Dev and Devops Engineers in delivering cloud-native (AWS) prototypes for multiple clients
- Wore multiple hats-Technical Architect, Project Manager, Stakeholder Management, Estimation, Pre-Sales
Tech Stack – AWS, S3, Glue, Lambda, Kafka (MSK), Java, Python, Airflow

Wells Fargo Securities, New York, NY   **April 2015 – January 2021**
Director, Prime Services Engineering
Head of Prime Client Reporting, Analytics, Ref Data, Client Entitlements & Platform Consolidation
- Matrixed interim responsibility for Portfolio Accounting & Client Portal
- Created a **multi-tenant Report generation infrastructure** leverage across Business Units.
- Led the Platform Consolidation program (**$3 MM/year projected savings + Risk mitigation**)
  o Decommission legacy PB platform by formulating & implementing a 3-year plan.
  o Built the business case for the initiative and shepherded it through the funding process.
- Built a global high performing **35-person team** of Engineers, Architects, Business Analysts from scratch.
- Supported 4 EMs and a Sr. Engineer directly.
- Built a world class multi-tenant **Client Reporting** platform well ahead of schedule:
  o built-in Data Lineage and Complex Event Processing capabilities leveraging Polyglot persistence
  o real-time/micro-batch/batch **Data integration layer** and **Data Warehouse** to help standardize the consumption/redistribution of data across multiple units of the Prime Finance business.
- Built an **Analytics** platform to facilitate operational efficiency and internalization analysis across Prime Services (core PB, Securities Lending, Equity Derivatives).
- Championed **efficiency** by leveraging Reporting platform across other BUs (Futures, Equity Derivatives).
- Refactored and migrated applications to the private Cloud.
- Built resilient and flexible solutions by creatively leveraging technology (Neo4j & MongoDb, ML) for appropriate use cases.
- Rescued a failed effort to build a client Entitlements platform and re-built it within **6 months.**
- Represented Wells Fargo at the Accenture **Fintech** startup **incubator.**
Tech Stack – Java, Oracle, MongoDb, Neo4J, Python, MicroStrategy, Informatica, ReactJS, Kafka, Solace, Coherence, Jaspersoft, Pivotal Cloud Foundry, Geneva, Agile methodology (Scrum), scikit-learn

J P Morgan Chase, Whippany, NJ   **October 2010 – April 2015**
Executive Director, Prime Brokerage & Custody/Fund Services Engineering, CIB
Head of Client Reporting for Prime Brokerage and Custody & Fund Services
- Responsible for Investor Services (Prime Brokerage and Custody & Fund Services) reporting platforms
- Led a **70+ person globally distributed team** (Whippany, Dallas, Mumbai) of Engineers, Architects and PMs
- Manage an annual budget of ~$12 MM
- Chair steering committees with Senior Business and Technology stakeholders
- Delivered the Geneva-based portfolio reporting suite and regionalized the platform during my first year in the face of attrition, organizational flux and limited resources
- **Upgraded talent** and productivity of the team through key new hires and mentoring promising existing staff
- Implemented strategic architecture changes that allowed the platform to scale from 50K to 500K distributions/day and dramatically improved ad-hoc query performance.
- Streamlined development and **production support processes**.
- **Improved collaboration** across the global staff as well as across all functions involved in software delivery such as QA and infrastructure management
- Decommissioned legacy components **without requiring explicit funding** resulting in savings of $2 MM / year
- Developed a 3-year roadmap to integrate LoB reporting platforms across Investor Services to a single platform
- Evaluated a Hadoop-based data strategy for Prime Brokerage
Tech Stack – Java, Oracle, Sybase, DB2, Hadoop/HBASE, Perl, Informatica, JSP, Tibco EMS, Hazelcast, BIRT

ADDITIONAL RELEVANT EXPERIENCE (1992 – 2010)

UBS Investment Bank, New York, NY   **2008 - 2010**
Director, Prime Brokerage Engineering
- Data Access strategy Lead

- Head PB Reference data platform

Morgan Stanley, New York, NY
Vice-President, Credit Risk Engineering   **2007 - 2008**
- Program Manager for the strategic Counterparty Risk data warehouse.

Vice-President, Finance Engineering   **2000 - 2007**
Technical lead within the Enterprise Finance data warehouse team.
- Led a team delivering reporting data marts and risk management applications.

MetLife, Bridgewater, NJ   **1995 - 2000**
Sr. Application Developer (Consultant) supporting the Marketing team.

Syntel, Inc, multiple locations in the US and Mumbai, India   **1993 – 1995**
Technical Architect/Developer on the frameworks team supporting multiple workstreams.

Godrej, Mumbai, India   **1992 – 1993**
Developer supporting Accounting and Payroll functions.

TECHNICAL SKILLS

Java, Python, Django, JavaScript, RDBMS (Oracle), NoSQL (MongoDb, Neo4j), Hadoop, Reporting/BI, ETL pipelines, Kafka, Cloud (AWS, Pivotal), Messaging, Machine Learning, Advent Geneva, Agile transformation, iOS, Android, GraphQL

EDUCATION & CERTIFICATIONS

AWS Certified Solutions Architect Associate   **2020**

Columbia Business School, New York, NY   **2006**
MBA for Executives| Dean's Honor List, Coursework: Strategy, Operations, Finance

University of Bombay, Mumbai, India   **1992**
Bachelor of Engineering, Computer Engineering