Anil Gurnani

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# Profile

* Accomplished Technology leader with strong business and communication skills – great team builder. Great for new initiatives and start-up situations.
* Expert in combining technical expertise with business strategy to deliver efficient business solutions.
* Comprehensive expertise in all phases of Product Oriented Delivery process including Strategy, Planning, Architecture, Development, Implementation and Support.
* Hands On, motivated and customer driven team-player with an ability to assess the big picture, manage top-producing Software Engineering teams and deliver high-quality results. Self-learner and self-starter.

# Major Strengths

* In-depth understanding of Cloud, Microservices, DevOps, as well as Application Development
* Over 25 years of experience in building highly scalable and high-performance financial software and platforms using Java, Spring Boot, C, C++, Python, JavaScript, SQL
* Good business knowledge of financial services businesses including trading, wealth management, asset servicing, as well as portfolio accounting, investment analysis, performance attribution and ESG data.
* Solid understanding of modern technologies including Azure (4 certificates including AI Engineer), AWS, Snowflake, Databricks, Kafka, Redis, Angular, Hadoop (Certified), MongoDB, Cassandra (Certified), Apache Spark, and Machine Learning (Certified).
* Familiar with complex, cloud native engineering architectures needed to implement BI tools like Tableau, and Microsoft Power BI in the enterprise including entitlements, data modeling, extract vs live, multi-tenant publishing using row level security and other challenging use case scenarios.

# Professional Experience

### Wells Fargo: Dec 2021 – Current

### Lead Specialty Senior Software Engineer, Prime Services – North Brunswick, New Jersey

Currently working on implementing Arcesium platform for Wells Fargo Prime Brokerage business. Working on sending Security, Swaps, Accounts, Corporate Actions, Prices, and other data to Arcesium and receiving accounting reports. I work in an agile scrum team developing and maintaining several business applications while moving them to cloud (Pivotal Cloud Foundry). I also mentor other groups on how to migrate their applications to cloud by sharing experiences and engineering solutions of difficult use cases. Received award from the head of Strategic Architecture and Technology for running cloud cohorts for Azure Certification.

### BNY Mellon: June 2016 – Dec 2021

### Technology Director, Global Risk Solutions – Jersey City, New Jersey

Architecture, design, and development of a platform for delivering sophisticated Investment Analysis capability for Asset Managers and Asset Owners that included quantitative risk metrics and analytics. Also built a PoC for a data warehouse with Snowflake on Azure and have integrated BI Tools including Tableau and Power BI to deliver powerful and flexible analytics in a multi-tenant architecture with Microservices for APIs. The same data platform is also used by the BNYMs legacy client portal.

**Major Contributions**: Launched several new digital products including ESG Analytics, Macro Attribution, Performance Heatmap, and Risk Statistics (among others) that are extensively used by over 1000 clients in the Asset Owner segment. Also developed Middle Office Post Trade processing system as part of OnCore that provided the glue between several Asset Servicing systems including FIServ TradeFlow, MiSys Summit, IBM Algo, Tri-Optima Reconciliation, Trade Lifecycle Management, Corporate Actions Management as well as Eagle Investment Accounting system.

### Mphasis Corporation: Jan 2014 – June 2016

### Solution Architect, Banking and Capital Markets – New York, NY

Was part of the account team for J P Morgan Chase with responsibilities for Mphasis project deliveries across all business lines. Was also responsible for generating new accounts and business.

**Major Contributions**: Organized and presented in several workshops and webinars at client locations on emerging technology topics such as Apache Storm, Apache Kafka, Semantic Web, and Enterprise Data Management. The efforts led to increasing Mphasis’ position from 5th to **1st on thought leadership** and increased revenue from USD 50 M to **USD 100 M** from J P Morgan Chase. Also signed up business from other financial clients including Wells Fargo, and HSBC. Technologies used: Hadoop, Cassandra, Java, SQL, Oracle, Collibra, Jenna, Sparql, Titan, Neo4J

### J P Morgan Chase: May 2006 – December 2013

### Vice President – Application Development

Joined the Information Technology team and delivered several IT systems and enhancements during my tenure.

**Major Contributions**: Built a high-performance Reference Data platform for all asset classes to save costs by consolidating external data feeds. Led key initiatives in the multi-year initiative to transform broker dealer workstation for use by Chase Investment Services Corporation. This enabled J P Morgan to save nearly USD 70 M each year in fees to the prior vendor. Technologies used: Java, Oracle, SQL, JavaScript, Angular

### TMC Bonds (formerly The Muni Center): Mar 2005 – May 2006

### Senior Java/J2EE Lead

TMC offered electronic trading of Municipal Bonds to its clients and needed Java/J2EE lead to enhance the platform and add new capabilities to sell Corporate Bonds.

**Major Contributions**: Redesigned key components of the system to improve performance by over 3000%. Developed FIX API for Business-to-Business trading of Municipal and Corporate Bonds leading a team of Java developers. Technologies used: Java, JavaScript, Application Server, Oracle, SQL

### ONCR Inc.: Jan 1997 to Mar 2005

### Owner

Started a small business as a consultant and grew to a 15-person team handling projects for multiple financial services companies in New York. Also launched a very successful software product to process credit cards using CyberCash from Cold Fusion applications.

**Major Contributions**: Architected and built a retail stock trading system for National Discount Brokers which was consistently ranked #1 in technology by major online reviewers like Gomez Advisors and Barrons.

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| **Certifications** | **Education** |
| **Microsoft Azure** | AI-900, DP-900, AZ-900 and AI-102 | **EMBA – Technology Management**  | Stevens Institute of Technology, Hoboken, NJ |
| **Stanford University** | Machine Learning |
| **Cloudera** | Spark and Hadoop Developer |
| **UC San Diego** | Hadoop Platform and Application Framework |
| **DataStax** | Certified Architect on Apache Cassandra | **BS – Business Major with Computer Science Minor** | Birla Institute of Technology and Science |
| **Amazon Web Services** | Certified Solution Architect - Associate |