

Anil Gurnani

Hands on Technology Leader

Profile

- Accomplished Technology leader with strong business and communication skills
- Expert in combining technical expertise with business strategy to deliver efficient 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.

Major Strengths

- In-depth understanding of Cloud, Big Data, DevOps, as well as Application Development
- Over 25 years of experience in building highly scalable and high-performance financial software and platforms using C, C++, Java, 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 AWS (Certified), Azure, Snowflake, Databricks, Kafka, Mobile (iOS, Android), Angular, NodeJS, Hadoop (Certified), MongoDB, Cassandra (Certified), Apache Storm, Apache Spark, MapReduce, Apache Kafka, 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

Senior Solutions Engineer, Prime Services – North Brunswick, New Jersey

Cloud Migration champion for all applications in the Capital Markets area of Wells Fargo. I work with application teams to ensure best practices and enterprise architecture guidelines. I also mentor application developers in how to migrate their applications to cloud by building out blueprints and POCs of difficult use cases while working hands on with business teams to solve day to day issues. Have already received several awards from the head of Strategic Architecture and Technology.

BNY Mellon: June 2016 – Dec 2021

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

Currently Building a platform for delivering sophisticated Investment Analysis capability for Asset Managers and Asset Owners. 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, Colibra, 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 consultant and grew to a 15 person team handling projects for multiple financial services companies in New York. Technologies used: C++, Java, .NET, SQL, Oracle

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.

Certifications		Education	
Stanford	Machine Learning	EMBA – Technology Management	Stevens Institute of Technology, Hoboken, NJ
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		