

SANJEEV THAPAR, PMP, CSM

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ADVANCED DATA ANALYTICS & DATA SCIENCE LEADER

Visionary data analytics and data science leader, propelling business growth for esteemed Fortune 500 companies.

Accomplished data analytics and data science leader with a track record of driving impactful decisions and outcomes through strategic insights and data-driven approaches. Skilled in incubating and assessing organizational needs, developing goals, and forging partnerships to champion artificial intelligence and enhance insights generation. Proficient in identifying opportunities for technological advancements and spearheading organizational change for improved efficiency.

Collaborative and innovative, with a focus on leveraging advanced analytics, machine learning, and text analytics to translate diverse data into actionable insights. Adept at designing operational frameworks and collaborating with functional leaders to develop comprehensive insight strategies. Demonstrated expertise in aligning and showcasing insight capabilities, delivering training initiatives, and ensuring data quality and governance. *Core areas of expertise include:*

Business Intelligence | Advanced Data Analytics | Data Science | Database Design | Data Engineering | Data Modeling
Data Visualization | Machine Learning | Project Management | Relationship Building | Stakeholder Communication
Business Requirements Gathering | Data Acquisition | Data Collections | Data Management | Data Quality Assessments

NOTABLE CAREER ACCOMPLISHMENTS

- **Achieved an impressive 90% employee satisfaction rate across all surveyed areas** by developing and implementing a comprehensive happiness survey to assess the satisfaction of current resources across various aspects. (Citi)
- Successfully introduced and led the project management of market data on the cloud service, leveraging Snowflake technology. **Enabled expedited access to market data, providing a distinct competitive advantage.** (Citi)
- **Saved company \$2M by implementing an advanced data quality framework** to ensure regulatory compliance, improve customer experience, and avert financial risk. (Horizon Blue Cross Blue Shield Of New Jersey)
- Revived failed implementation for the Affordable Care Act (ACA) by delivering backend healthcare systems solutions ahead of schedule, **leading to additional \$100M contract.** (Accenture)
- Rescued client from competitor's failed project, successfully delivering ahead of schedule despite media and public scrutiny. **Earned a year-long \$100M contract, rebuilding client trust.** (Accenture)

PROFESSIONAL EXPERIENCE

CITI BANK, Jersey City, NJ, 2021 – Present Senior Data Analytics Application Manager

Inspire and lead a geographically dispersed team of 13 application development professionals in Canada, Poland, and China. Responsible for managing a \$2M budget. Hold a dual role as Portfolio Manager for Data Analytics, Data Science, and Market Data, as well as Platform Manager for Data Science. Drive innovation by architecting advanced analytics capabilities across the big data ecosystem. Collaborate with stakeholders to leverage company data for impactful solutions.

- **Expanded the user base of the big data platform from 3,000 to 4,500 (15%)** within a span of just 1.5 years.
- Established a new service enabling internal clients to perform AI/ML analysis with dedicated storage capabilities.
- **Introduced market data on the cloud services**, enabling faster access to market data for a competitive advantage.
- Increased employee engagement by introducing a happiness survey to implement corrective actions to prevent churn.
- Dramatically enhanced client satisfaction by creating a User's Steering Committee to identify and address gaps.

HORIZON BLUE CROSS BLUE SHIELD OF NEW JERSEY, Newark, NJ, 2019 – 2021 Data Quality, Analytics & Governance Manager

Motivated and managed a 25-member team of data quality, governance, and operations analysts. Effectively managed a budget of \$3M. Successfully delivered a comprehensive roadmap that facilitated the continuous expansion of data quality, operations, and governance in various healthcare data domains such as member, claims, and provider. Established cross-functional teams dedicated to enhancing business processes and data quality within these domains.

- Successfully developed and implemented a data quality frame to capture and address data quality issues proactively.
- Introduced an automated Machine Learning model, **reducing time to classify restricted code from days to hours.**

- Designed and implemented data validation processes, **reducing discrepancies and improving overall data reliability.**
- Conducted regular data audits and implemented corrective actions, **leading to a reduction in data inconsistencies.**
- Developed and executed data cleansing strategies, **resulting in an increase in data accuracy and completeness.**

ABB, Cary, NC, 2017 – 2019
Program Manager, Advanced Business Analytics

Oversaw full lifecycle management of projects focused on big data, cloud storage, analytics, and business intelligence. By employing Agile Scrum methodologies, efficiently delivered analytics solutions to global business units. Throughout these endeavors, managed a diverse team of 20 professionals, fostering collaboration and driving successful project outcomes.

- **Assisted Accounts Receivable in recovering \$150M** in outstanding accounts by reducing invoice turnaround time.
- Developed a global big data platform on Cloudera Hadoop hosted on MS Azure Cloud with a \$20M budget.
- **Uncovered \$5M in additional revenue** through predictive text mining, market basket analysis, and sentiment analysis.
- Increased stability by implementing Kerberos authentication and Sentry Security on Cloudera and Azure platforms.
- Implemented a real-time "factory of future" dashboard for issue identification and resolution on the assembly line.

ACCENTURE, Florham Park, NJ, 2012 – 2017
Consultant Technology Manager, Data Analytics

Hired as subject matter expert to oversee a 10-member team, specializing in data technology projects for prestigious clients such as the Internal Revenue Service, AIG, First Data, Inc., and the Federal Reserve Bank of New York. Conducted comprehensive analysis of business, functional, technical, and UI requirements.

- **Effectively preserved \$30M in annual revenue** by salvaging a tenuous relationship with a major client.
- Drove data quality assurance engagement for the IRS, positioning company for **an additional \$5M in revenue.**
- Led new service offering, establishing a client's data center of excellence, **driving \$2M annual revenue growth.**
- Successfully deployed additional Accenture resource, **resulting in a revenue boost of \$400,000.**
- **Prevented \$300,000 in testing delays for the client** by recommending a consulting Data Creation Specialist.

ADDITIONAL EXPERIENCE

Business Intelligence Project Manager, SARINA IT, INC., Edison, NJ, 2009 – 2012

PROFESSIONAL DEVELOPMENT

Python for Advanced Analytics, University of California, Berkeley
Blockchain for Business: An Introduction to Hyperledger Technologies, Linux
Oracle Database Management, Rutgers University
Oracle ERP, Pune University
International Management, Stevens Institute of Technology

CERTIFICATIONS

Project Management Professional (PMP) Certification
SAFe® 5 Agilist
Certified Scrum Master (CSM)
ICAgile Certified Professional
SAP Certified Application Associate – BusinessObjects

EDUCATION

Master of Science (M.S.), Data Science | SAINT PETER'S COLLEGE | Jersey City, NJ
Master Business Administration (M.B.A.), Finance | SAINT PETER'S COLLEGE | Jersey City, NJ
Bachelor of Science (B.S.), Electrical Engineering | NEW JERSEY INSTITUTE OF TECHNOLOGY | Newark, NJ

TECHNICAL SKILLS

Cloudera/Hadoop, Erwin Data Modeler, IBM Watson, Informatica (ETL and IDQ), Jira, MS Azure, MS Office, MS Project, MS Visio, Planview, Python, QlikView, R, Salesforce.com, SAP BO, SAP ERP, SAP HANA, Spark, SQL, Tableau