

Rahul Kotian

New York, United States — rahulkotian269@gmail.com — linkedin.com/in/rahulkotian26 — +1 6802163807

Work Experience

Business Analyst

January 2024 – July 2024

School of Information Studies, Syracuse University, NY, USA

- Orchestrated Meeting Maker software implementation for 200+ employees across 3 departments, resulting in a 30% reduction in scheduling conflicts through 15 stakeholder interviews, utilizing PESTEL Analysis, SWOT Analysis, and UML diagrams (Use Case, Activity, Sequence) for system modeling.
- Designed comprehensive 10 Visio process flow diagrams (current state, future state, transition) for scheduling processes, reducing stakeholder queries by 25% and expediting project approval by 1 week, saving 40 management hours.
- Performed gap analysis with IT using Data Flow Diagrams (Context and Level 1 DFDs), identifying 2 custom integrations, streamlining development by 10% and cutting project timeline by 3 weeks.
- Coordinated User Acceptance Testing for 10 end-users, utilizing A/B testing methodologies and creating test case diagrams to evaluate interface designs, achieving a user satisfaction rate of 80%.

Business Analyst

July 2023 – December 2023

School of Information Studies, Syracuse University, NY, USA

- Spearheaded Neurala's Visual Inspection Automation (VIA) system integration across two production lines, using AWS EC2 and S3 to cut quality control rework by 10% and save \$50,000 in 9 months.
- Formulated and executed a comprehensive 3-month stakeholder engagement plan, increasing VIA system adoption from 65% to 80% of target users through bi-weekly cross-functional meetings and feedback management.
- Streamlined inspection processes by mapping workflows and identifying bottlenecks, utilizing AWS CloudWatch for performance monitoring, resulting in an 8% reduction in average inspection time.
- Facilitated requirements gathering with key stakeholders, managed user training for 50+ production staff, and maintained detailed project documentation with User Story Mapping techniques.

Business Analyst

July 2022 – May 2023

Dynamic Sustainability Lab, NY, USA

- Led energy efficiency analysis for a \$2.11B enterprise using EnergyCAP's Report Designer BI and Power BI, leveraging SQL aggregate functions (SUM, AVG, COUNT) to identify \$75K estimated annual savings across 50+ facilities.
- Architected an advanced Power BI dashboard ecosystem integrating EnergyCAP and SQL Server Analysis Services (SSAS), utilizing DirectQuery mode for real-time data access and improving executive decision-making speed by 40%.
- Translated complex data insights into actionable strategies, presenting to stakeholders using Power BI's advanced DAX measures and custom visuals, directly influencing a 15% increase in sustainability initiative budgets.
- Initiated a data quality improvement initiative by creating automated validation processes in EnergyCAP, Power BI, and Data Dictionary definitions to reduce data errors by 30% and increase analytical reliability by 20%.

Business Analyst

January 2022 – May 2022

Stickley Furnitures, NY, USA

- Instituted Lean Six Sigma DMAIC approach with Arena simulation to optimize Stickley's inventory management, reducing stockouts by 25% and carrying costs by 18%.
- Deployed Arena simulation models for production line optimization across 4 factory locations, resulting in a 15% increase in yield efficiency and a 12% improvement in process flow.
- Utilized Minitab's Design of Experiments (DOE) and Statistical Process Control (SPC) charts for in-depth analysis of production data, contributing to a 35% increase in client satisfaction.
- Constructed Tableau dashboards for real-time monitoring of key performance indicators, improving decision-making speed by 20% for senior management and boosting total revenue by 15%.

Core Skills

- **Data Analysis & Visualization:** A/B Testing, QuickBase, MS Excel (pivot tables, VLOOKUP, power pivot, power query), MS Word, MS PowerPoint, Snowflake, Confluence Jira, Data Modeling, Power BI, SAS, SSAS, SSRS, SSIS, OLAP, Tableau, Looker, R, Python, Jupyter Notebook, Google Analytics
- **Database & ETL:** NoSQL Databases, OLAP, Python, R, Java, SQL, PostgreSQL, MySQL, Big Query
- **Project Management:** MS Project, Asana, TeamGantt, JIRA, Confluence, MS Visio, Lean Six Sigma, ServiceNow
- **Cloud Computing & API:** REST APIs, SDK, Postman, Firebase, Amazon Web Services, Gen AI

Education

Syracuse University

Master of Science in Information Systems

Relevant Coursework: Database Management, Project Management, Information Systems Analysis, Cloud Management, Information Management and Technology, Data Science, Strategic Management, Lean Six Sigma, Artificial Intelligence.

Mumbai University

Bachelor of Engineering in Computer Engineering