

GAUTAM NAIR

Salt Lake City, UT | (385) 487-3385 | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

University of Utah, David Eccles School of Business

Master of Science, Business Analytics

GPA: 3.8

Salt Lake City, UT

December 2024

Pune University

Bachelor of Engineering, Computer Engineering

India

May 2020

SKILLS

Certification: Qlik Sense for Analysts and AWS Scalability, Python Data Structures, and Data Science in Python

Programming: R, Python, C++

Databases/Big Data: SQL Server, MySQL, Hadoop, Hive, Microsoft Excel, Spark, Kafka, Snowflake, Apache Airflow, Redshift

Techniques: Data Mining, Data Visualization, Predictive Modeling, Exploratory Data Analysis, Forecasting, Data Mapping

Analytics/Visualization/CRM: QlikView, Qlik Sense, NPrinting, Tableau, Power BI, Azure Synapse Analytics, Azure Data Lake

EXPERIENCE

Data Engineer

India

LTIMindtree, Client: Johnson & Johnson

January 2021 – July 2023

- Delivered a 20% reduction in downtime by resolving application issues and queries, which stabilized enterprise reporting systems using Qlik.
- Improved performance and computing time by 60% through deployment of Shell scripts to automate tasks and conduct weekly maintenance.
- Enhanced reporting and data analysis processes by 15% by aligning the Qlik platform with business needs through collaboration with analysts, developers, and stakeholders.
- Led an automation project using Big Data tools to streamline customer order data analysis, cutting processing time by 40%.
- Analyzed data trends to deliver actionable insights, reducing customer churn by 30% and increasing revenue by 10%.
- Leveraged Convolutional Neural Networks and SQL Server using Python to engineer cutting-edge solutions, optimizing quality and performance by 30%.
- Supervised modeling and database design, ensuring 100% data integrity and optimizing structures, leading to a 25% improvement in identifying healthcare product performance.

Data Analyst Intern

India

Web Avenue Tech

June 2020 – September 2020

- Crafted queries on complex databases to mine retail data, revealing insights that drove a 10% increase in client sales.

PROJECTS

Swire Coca-Cola: Predictive Maintenance Framework

August 2024 - December 2024

- Reduced downtime by 45% by predicting maintenance needs using failure_risk_score, powered by EDA, feature engineering, and machine learning models like Random Forest and Survival Analysis.
- Cut potential revenue loss by \$27M by designing Power BI dashboards for real-time risk alerts and actionable insights, enabling proactive maintenance scheduling

Environmental Sensor Data Analysis

March 2024

- Achieved 84% weather forecast and ecological trend accuracy by leveraging Azure ML and Apache Airflow to implement a data pipeline driven by environmental sensor data.

Home Credit Default Risk

April 2024

- Developed a predictive model for credit default risk with 0.75 accuracy, enhancing risk management and reducing defaults, which supported Home Credit's financial inclusion efforts and Improved profitability.

ACTIVITIES & ACHIEVEMENTS

Capstone Competition (Swire Coca-Cola)

December 2024

- Won Capstone Competition sponsored by Swire Coca-Cola for delivering a data-driven solution that optimized maintenance processes and resource allocation using Power BI, EDA, and predictive modeling.

Chartwells Dining Hall Event Coordinator

September 2023 – December 2024

- Organized college events for incoming students and their parents and conducted in-depth data analysis on student traffic patterns with Power BI, optimizing service efficiency during peak times and resulting in \$50,000 in cost savings.

Game Day Analytics Challenge

March 2024

- Boosted 30% in ad revenues by analyzing 1.7M Super Bowl tweets to determine top-performing brands using Tableau and Python to generate actionable insights and visualizations.