Muhammad Rubeel Saleem . Jarvis Consulting

I'm Muhammad Rubeel Saleem, a Computer Science graduate with a Minor in Project Management from the University of Guelph. Throughout my studies and internships at TD Bank and OSBIE, I've built hands-on experience in data engineering, analytics, and process automation developing ETL pipelines, Power BI dashboards, and AI-powered solutions that drive real business impact. What excites me most about the software industry is its ability to turn raw data into insight and innovation. I'm deeply passionate about designing scalable, data-driven systems and consulting on solutions that bridge technology with business transformation.

Skills

Proficient: Python, RDBMS/SQL (PostgreSQL, MySQL), Linux/Bash, Git/GitHub, Agile/Scrum

Competent: C#, Data Engineering (ETL, Data Pipelines), Power BI / Tableau, Cloud Platforms (Azure, AWS), Machine Learning (scikit-learn, TensorFlow)

Familiar: Docker / Containerization, FastAPI, Big Data (Spark, Hadoop), LangChain / RAG Applications, Data Modeling & Visualization

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_MuhammadrubeelSaleem

Cluster Monitor [GitHub]: Developed a Linux based cluster monitoring agent that collects hardware specifications and usage metrics across multiple servers. Built Bash scripts and PostgreSQL integration to automate data ingestion and reporting.

Core Java Apps [GitHub]: Not Started

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Diabetes Risk Predictor [GitHub]: Developed a predictive analytics application using R and Python to assess diabetes risk based on key health indicators such as BMI, glucose level, and blood pressure. Implemented logistic regression and Recursive Feature Elimination (RFE) to optimize model accuracy (achieving 80%). Deployed an interactive dashboard using R Shiny for real-time prediction and visualization, enabling accessible health risk assessment through a user-friendly interface.

Predicting Agricultural CO2 Emissions: Created a predictive model using advanced statistic techniques to forecast CO2 emissions from Atlantic Canadian potato fields, incorporating multi factor environmental data to improve prediction reliability for business story telling.

Investment Portfolio [GitHub]: Developed a Java Swing application for efficient investment portfolio management, enabling users to perform transactions, visualize holdings, and track performance with robust data validation and user-friendly UI. Integrated financial data models and implemented responsive operations to enhance portfolio control and insights.

Professional Experiences

Software Developer, Jarvis Consulting (Oct 2025 - present): Building end-to-end data engineering and DevOps solutions leveraging Linux, SQL, Docker, and cloud platforms.

Business Analyst, Ontario School Boards Insurance Exchange (OSBIE) (Jan 2024 - Aug 2024): Designed and implemented a GenAI chatbot using LangChain, Pinecone, and Ollama for RAG-based document retrieval, streamlining FAQ automation and internal policy support. Developed a Python data transformation pipeline to clean and standardize

1,000+ inspection records, improving analytical efficiency by 50%. Supported CRM integration efforts by gathering SDLC requirements across multiple departments to improve collaboration and data flow.

Data Engineer, TD Bank Group (May 2023 - Aug 2023): Automated ETL ingestion pipelines using Azure Databricks and Data Factory to integrate financial data across multiple sources. Applied Medallion Architecture (Bronze-Silver-Gold layers) to improve data lineage and reliability. Resolve 100+ HiveQL and PySpark failures through root cause analysis and quality monitoring scripts

Software Engineer , TD Bank Group (May 2022 - Dec 2022): Refactored and optimized .NET and C# microservices for internal APIs, improving backend data integration and reducing response latency by 50%. Redesigned ReactJS user interfaces for improved usability and reduced load times by 30%. Developed SQL performance tuning strategies and indexing optimizations to enhance query efficiency.

Education

University of Guelph (2020-2025), Bachelor of Computing, Honours Co-op, Computer Science

Miscellaneous

- Azure AI Fundamentals (AZ-900)