

VIKAS SRIRAM

DATA ENGINEER - Data Processing, Workflow Automation, Data Modeling & Analysis

✉ sriramvikas8@gmail.com ☎ +1 (519) 991-5570 📍 Windsor, Canada **in** [LinkedIn](#)

SKILLS

- **Data Engineering & Processing:** PySpark, ETL Pipelines, Data Pipeline Design, Data Modeling, Delta Lake
- **Cloud & Big Data Platforms:** Microsoft Azure, Azure Data Factory, Databricks, SQL Database, Cloud Architecture
- **Programming & Querying:** Python Scripting, SQL Queries, Data Structures, Query Optimization, and validation
- **DevOps & Workflow Automation:** Azure DevOps, CI/CD Pipelines, Git, Jira, and Workflow Management
- **Data Visualization & Analytics:** Power BI, Tableau, Data Analysis, Dashboard Development, Data Transformation

WORK EXPERIENCE

Vice President - Student Representative Council

May 2024 - April 2025

St. Clair College

Windsor, Canada

- Directed and led strategic initiatives for 10,000+ students, partnering with leadership to influence policies and enhance institutional decision-making outcomes.
- Collaborated in 15+ council meetings and stakeholder sessions, ensuring alignment of student concerns with board priorities and strengthening governance processes.
- Developed leadership programs that boosted student engagement by 25%, driving participation and improving collaboration across academic and campus groups.
- Administered multi-thousand dollar budgets with full transparency, improving financial planning efficiency by 18%.

Azure DevOps Data Engineer

February 2022 - November 2023

Tata Consultancy Services

Hyderabad, India

- Built scalable ETL pipelines using PySpark, Azure Data Factory, and Databricks, improving data processing efficiency by 30% across datasets.
- Automated CI/CD workflows through Azure DevOps pipelines, accelerating release cycles by 25% and ensuring reliable and consistent data delivery systems.
- Implemented real-time transaction monitoring triggers in Azure SQL, enhancing fraud detection capabilities and improving anomaly detection accuracy by 20%.
- Architected Delta Lake solutions, increasing data accessibility and boosting system scalability and reliability by 28%.

Station Controller

February 2020 - October 2021

KHMRTS

Hyderabad, India

- Supervised daily station operations for 3,000+ passengers, ensuring on-time service through real-time monitoring and rapid issue resolution.
- Streamlined crowd management strategies during peak hours, reducing incidents by 25% and improving passenger movement efficiency and safety standards.
- Monitored signaling systems to coordinate train schedules, minimizing delays and enhancing operational accuracy across transit operations.
- Led workforce allocation and trained 10+ staff on safety protocols, increasing overall team productivity by 20%.

PROJECTS

Comprehensive Graduation Data Analysis

Data Analyst

- Analyzed graduate dataset using Python, uncovering 1 key employment trend across education levels globally set
- Cleaned raw data and transformed fields, improving dataset quality metric by 20% for accurate insights generation.
- Built an interactive Power BI dashboard, visualizing 1 factor influencing graduate employment outcomes.

EDUCATION

Post Graduate Diploma in Data Analytics for Business

January 2024 - June 2025

St. Clair College, Windsor, Canada

Bachelor of Technology in Electrical and Electronics Engineering

May 2015 - August 2019

Vidya Jyothi Institute of Technology, Hyderabad, India

CERTIFICATIONS

- Microsoft Azure Data Engineer Associate (DP-203)
- Microsoft Azure Fundamentals (AZ-900) December 2022

ACCOMPLISHMENTS

- **International Student Scholarship Recipient:** Selected among top 12 candidates from a pool of 10,000+ students.
- **Community Volunteer - United Way:** Contributed to food distribution initiatives supporting 500+ families.