**Profile Summary**

Data analytics and machine learning professional with 4+ years of experience across diverse industries, including services, consumer brands, med-tech, education, transportation, logistics, predictive maintenance, and weather sectors. Skilled in building data pipelines and translating data into actionable insights for strategic decision-making. Proficient in data collection, research, quantitative analysis, and Python programming. Led multiple data projects using SCRUM and Agile environments.

**Professional Experience**

**Cambrian College of Applied Arts and Technology, Canada [Oct '23 – Apr ‘24]**

*Research Department – Specialist Program Performance Strategy.*

* Implemented advanced algorithms reducing ~ 75% Power BI report generation time, optimizing efficiency significantly from 4 months to 1 week.
* Reduced data cleaning time for multiple unorganized reports, resulting in improved data accuracy for Power BI dashboards through remodeling and automating Excel processes.
* Developed strategies for sentiment classification, topic modeling, and keyword extraction, improving analysis accuracy.
* Authored multiple scalable reports and dashboards used directly by Deans and Chairs for program evaluation using Power BI and Flask.

**Sofvie Inc. Consulting, Canada [May '23 - Aug '23]**

*Data Analytics Team – Research Assistant*

* Created a Python-based Flask web app dashboard to streamline and optimize the report generation process.
* Collaboration lead for DevOps and software training team in deployment and documentation initiatives with GitHub.

**NorthStarDoc Med-Tech, USA [Jun '22 - Aug '22]**

*IT Department – Software Implementation*

* Implemented two Selenium automation programs, reducing profile setup time by 50%.
* Led migration of facility location data for clients across three USA regions and improved conversion rates by 15% through statistical analysis of referral data.

**iDeas Unlimited & SixthFactor Consultancy Dubai, UAE [May '21 - Jun '22]**

*Market Research Department – Social Listening*

* Led NLP initiatives, extracting 50 actionable insights per project, boosting client engagement by 20%.
* Implemented Twitter API pipeline, sourcing 10,000 daily tweets for client analysis.Bottom of Form

**Education**

**Cambrian College of Applied Arts and Technology Sudbury, CA [Sep '22 – Apr '24]**

* Project Management Graduate Certificate
* Business Analytics Graduate CertificateBottom of Form (Deans Honour Roll)

**International Institute of Information Technology Bengaluru, IN [Jun '21 – Jun '22]**

* Post Graduate Diploma in Data Science

**St. Xavier’s College Autonomous Mumbai, IN [Aug '18 – May '21]**

* Bachelor’s Degree in Sociology

**Technical Skills:** Python, Power BI, Tableau, MS Excel, MS Project, Machine Learning, SQL, Flask, Streamlit, Tensorflow, Huggingface, SQLite, MySQL, PostgreSQL, SQLAlchemy, Agile Project Management, GitHub

**Projects**

**Solution Developer (Facility Maintenance) | Mohawk College - City of Hamilton**

Evaluate climate change's impact on facility operations' vulnerability to extreme weather, analyze data, and propose maintenance strategies. Developed an app that helps identify at-risk assets based on weather forecasts and FCI.

**Data Analyst (Accessible Transportation) | Mohawk College - City of Hamilton**

Led a team in delivering a report to identify the possible solutions for ATS in Hamilton. Solutions included a feasible plan to integrate new transportation systems with existing and optimized route planning.