

Victor Lopez

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Professional Summary

Innovative Data Analytics professional with a proven track record of leveraging business intelligence to enhance organizational efficiency and support data-driven decision-making. Skilled in ETL processes, dashboard development, and process automation. Demonstrated expertise in project management, with a strong ability to accurately identify client needs and develop valuable solutions tailored to their business requirements. Adept at managing complex projects, aligning technological solutions with strategic business objectives, and delivering impactful insights and driving meaningful outcomes for stakeholders.

Core Competencies

- Data Analytics and Visualization
- Business Intelligence
- ETL Process and Data Integration
- KPI and KRI Development
- IT Project Management
- Business Requirements Analysis
- Software Development Life Cycle (SDLC)
- Web Development and API integration
- Change Management
- Agile Methodologies

Professional Experience

Data Analytics Consultant / World Wildlife Fund (WWF) | Jul. 2021 – current.

- Analyze and redesign the database in line with updates to international GDST (Global Dialogue on Seafood Traceability) standards, ensuring compliance and improved data management practices.
- Develop and implement comprehensive data analytics reports in PDF, and XLS formats using Power Automate to automate the report generation process, enabling stakeholders to make data-driven decisions efficiently.
- Design and maintain interactive dashboards using Power BI to visually represent key performance indicators (KPIs) and project metrics, enhancing decision-making and operational visibility.
- Collaborate with cross-functional teams to gather requirements, deliver customized data solutions, and improve operational efficiency and insights.
- Ensure data quality through cleansing and preprocessing for accurate analysis and reporting.
- Analyze data to identify trends, patterns, and anomalies to deliver actionable insights for strategic initiatives.
- Lead the development of APIs to facilitate the sharing of information with government entities and academic institutions, promoting data accessibility and collaboration.
- Support the creation and implementation of data governance policies to ensure compliance.

Lead Full Stack Programmer / Haver and Boecker Niagara (Internship) | Jan. 2024 – Apr. 2024

- Led the development of a web solution to manage Non-Conformance Reports, integrating front-end technologies (HTML, CSS, JavaScript, Bootstrap) and back-end frameworks (.NET Core, Entity Framework, MVC, SQLite), enabling effective role-based access control and data management.
- Enhanced reporting efficiency by automating PDF and Excel generation with Power Automate, directly integrating into Power BI for improved accessibility and risk assessment.
- Developed and embedded a dynamic data analysis dashboard using Power BI and Power BI Embedded, visualizing key risk indicators (KRIs) crucial for strategic decision-making and compliance monitoring.
- Collaborated with cross-functional teams to define requirements and align solutions with business objectives.
- Led user feedback sessions to improve the web solution's functionality, compliance, and user satisfaction.

Sr. Project Manager / Plenum Group | Jan. 2014 – May 2023

- Led software projects across the US and Latin America, meeting deadlines, optimizing resource use, and ensuring client satisfaction.
- Utilized SQL, Excel, Power BI, Power Automate, and Tableau to develop and implement data-driven solutions, extracting insights from various data sources to drive business growth and operational efficiency.
- Designed and automated custom reports and dashboards with Power BI and Tableau, integrating data from SQL databases and Excel files to support strategic decision-making and risk management.
- Facilitated project status meetings with stakeholders to provide updates, gather feedback, and adjust plans based on evolving requirements and challenges.
- Developed risk management strategies to identify and mitigate project issues, ensuring successful outcomes.
- Managed projects with Agile methodologies, particularly SCRUM, ensuring client compliance and timely delivery.
- Collaborated with IT teams to resolve incidents and minimize disruptions.
- Coordinated technical support activities for clients in the USA and Latin America, enhancing client satisfaction and repeat business.
- Built and maintained strong client relationships through consistent communication and delivery of value-added solutions.

Education

- [Computer Programming Diploma](#) / Niagara College Canada ([Apr. 2024](#)) | GPA: 93%
- [Data Science Certificate](#) / Universidad Politecnica de Yucatan ([Dec. 2021](#))
- [Research Internship](#) / Texas A&M University ([Aug. 2014](#))
- [Master's in Engineering](#) / Instituto Tecnologico de Merida ([Jul. 2013](#)) | GPA: 95%
- [Bachelor's in Industrial Engineering](#) / Instituto Tecnologico de Merida ([Dec. 2009](#)) | GPA: 90%

Certifications

- [Microsoft Azure Data Fundamentals](#), Microsoft | 2023
- [Microsoft Azure AI Fundamentals](#), Microsoft | 2023
- [Google Data Analytics Certificate](#), Google | 2021
- [Digital Business Certificate](#), Bedu | 2021

Skills

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| • Structured Thinking and Problem Solving | • HTML, CSS, JavaScript, Bootstrap |
| • Time Management and Communication | • C#, .NET Core, MAUI, Python |
| • Attention to detail and Leadership | • SQL Server, SQL Lite, Mongo DB, Web APIs |
| • Work independent and as team member | • Lean Agile Development (SCRUM). |
| • Power Bi, Power Automate, Tableau, Excel | • GitHub, Postman, Azure |

Recognitions

- [International Student Academic Award 2023](#) / Niagara College Canada
- [Niagara Scholar](#) / Niagara College Canada
- [President's Honour Roll](#) (2022 Fall - 2024 Winter) / Niagara College Canada
- [Best GPA by Master of Engineering Department](#) / Instituto Tecnologico de Merida
- [Best GPA by Industrial Engineering Department](#) / Instituto Tecnologico de Merida