

# Omar Barrera

## SOFTWARE ENGINEER

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## EXPERIENCE

May 2022 - Current

**Software Engineer** *Microsoft (Mexico City)*

I was part of Finance Insights department where we would develop tools for reporting and information delivery environments. I was working with big data sources performing transformations that would bring actionable insights to up to 30k users from finance department.

Here I performed tasks related to data warehousing, custom data models for specific purposes, ETL, orchestration and implemented business logic to present information with high impact.

March 2021 - April 2022

**Data Engineer** *Wyde Corporation / Hewlett Packard (Guadalajara)*

Developed ETL pipelines to sales teams with high availability. Also was involved with system automation and database maintenance. Build dashboards and visual integration systems for financial analysis of sales teams.

July 2020 – Jan 2021

**BI Analyst** *G-Global (San Diego/Tijuana)*

Managed KPI dashboard portfolio by applying different tools. Developed systems for warehouse inventory verification through a web application. Made different workflow automation through scripts to improve warehouse process flow in WMS. Made statistical analysis of high-volume products to impact import/export output.

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## EDUCATION

Graduated December 2019

**Industrial Engineering**, Universidad La Salle Noroeste

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## SKILLS

Python

Pyspark

CI/CD

Airflow

Java

Scala

Azure/AWS

Power BI/Dax

SQL/NoSQL

Machine Learning

R

Forecasting

Fluent English and Spanish