

# Juan Paulo Pérez-Tejada

## WEB DEVELOPER & DATA ENGINEER

maclenn77@gmail.com | [GitHub](#) | [HuggingFace](#) | [LinkedIn](#) | [Portfolio](#)

### SUMMARY

Data Engineer and Web Developer with 5 years of experience delivering IT solutions to stakeholders. Winner of the [first Generative AI Hackathon in Mexico](#). Previous experience as content creator, copywriter and translator.

### SKILLS

**Languages & Libraries:** Python, SQL, Ruby, JavaScript, HTML5, CSS3, NextJS, RSpec, MySQL, PostgreSQL, SQL Server  
**Cloud:** GCP (BigQuery, Compute Engine, Databricks), AWS (S3, AWS Lambda, DynamoDB, CloudFront), Snowflake, Heroku, Netlify

**Tools & Methods:** RAG, Git, GitHub, Mobile/Responsive Development, TDD, Docker, Agile, SCRUM

**Professional:** Remote Pair-Programming, Teamwork, Mentoring, Translation, Writing

### EXPERIENCE

#### HIGHLIGHTED GEN AI PROJECTS

##### Gen AI Developer

Remote  
July, 2023 – Present

GnosisPages | [Github](#) | [Live](#) – An Intelligent Assistant that explains the content of a PDF file.  
Built with: Python, Langchain, ChromaDB, HuggingFace. AI Academy Capstone Project

AI Tutoring Bot | [Github](#) | [Live](#) – AI Tutoring Bot is a Telegram Bot designed to assist high-school students with their studies. AI Academy Capstone Project.  
Built with: Python, AWS Lambda, DynamoDB, Telegram API

AI Trainer Web App | [Github](#) | [Live](#) – Web App that helps .  
Built with: HTML5, CSS, Bootstrap, JavaScript, React & Redux

Ruby Gen AI Template | [Github](#) – A template for building AWS LambdaFunctions with Ruby, powered by LLMs.

#### APEX SYSTEMS Consultant (Data Engineer)

Guadalajara, Mexico  
August, 2023 – Present

Duluth Trading Company – Transform data and maintain ETL pipelines to match business requirements. Automate generation of Dynamic AX documentation through LLM.

- Built with: SQL, Python, BigQuery, GCP, DBT, Gemini 1.5

APEX IT – Perform complex queries with SQL Server intended to be used with Power BI, and automate common tasks with Python and Jupyter Notebooks.

- Built with: Python, SQL, SQL Server, Azure Data Studio

#### APEX SYSTEMS Consultant (Full-Stack Developer)

Guadalajara, Mexico  
July, 2023 – Present

Innovation Lab – Refactor and develop a Talent Management platform for helping executives to identify flight risks, promotions or other business metrics.

- Built with: Ruby and Rails, Ruby, MySQL, Azure, Docker, React, JavaScript

#### APEX SYSTEMS Consultant (Ruby Developer)

Guadalajara, Mexico  
June, 2022 – June, 2023

Channel Integrations – Integration of an e-commerce platform with Points of Sale and Meta Apps, allowing merchants

to adopt an omnichannel strategy.

- Built with: Ruby on Rails, PostgreSQL, Heroku, Square API, Clover API, Meta API.

MICROVERSE

Remote

**Code Reviewer**

March, 2022 – June, 2022

- Mentored junior web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.

National University of Mexico

Mexico City, Mexico

**Technical Assistant in Media Department**

April 2016 – June 2018

- Created protocols for reports to measure the impact of publications.
- Researched and verified info for publications.

LITS Ebusiness

Mexico City, Mexico

**SEO Writer and ebusiness journalist**

February 2015 – March 2016

- Created content for e-commerce platforms with SEO

## EDUCATION

Monterrey Institute of Technology and Higher Education

**Master in Applied Artificial Intelligence**

September, 2025 – August, 2027 (expected graduation date)

MICROVERSE

February, 2020 – April, 2022

**Remote Full Stack Web Development Program, Full Time**

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

National School of Anthropology and History

**Linguistics**

January, 2007 – December, 2011