Marco Ottavio Podesta Vezzali

marcoopodesta@gmail.com   +52 999 413 8794   github.com/marcopod

A00833604@tec.mx

EDUCATION

Tecnológico de Monterrey   Graduating in June 2025

B.S. in Computer Science and Technology   *GPA 4.0/4.0*

WORK EXPERIENCE

Scholarvy   Monterrey, N.L., México

Co-Founder, CTO   Spring 2023- Present

- Led a team of 10 developers in creating three major products focused on advancing AI transparency in education.
- Spearheaded the development of information validation tools, enhancing the capabilities of academic institutions to verify data accuracy.
- Served as a full-stack software engineer, responsible for both front-end and back-end development, ensuring the delivery of a robust software solution.

The Hub   México

Full-Stack Software Developer   Summer 2022 - Spring 2023

- Directed the technology strategy for a gastronomic consulting and development company, focusing on innovative tech solutions to enhance business operations.
- Oversaw the implementation of machine learning models to personalize customer dining experiences.
- Led initiatives to utilize predictive analytics for personalizing customer dining experiences, significantly boosting client engagement and loyalty.

LinnBox   Mérida, Yucatán, México

Founder - At 17 years old   2020-2021

- Pioneered the development of a transparent acrylic box solution designed specifically for sneaker enthusiasts, enhancing product safety and display aesthetics.
- Led the product from concept through to market launch, securing over $30,000 in sales and establishing the company as a local leader in sneaker preservation solutions.

MAJOR PROJECTS

Scholarvy Ecosystem   May 2023 – Present

An AI in Education SaaS implemented across Latin America

- Lead a team of 10 developers to design and develop the 3 main products of the platform.
- Utilized the following technologies: Nextjs, React, node.js, Express, PostgreSQL, hosted in AWS.
- Implemented a multilayer architecture, and then moved to a microservices architecture for more robustness.

CVForge   January – June 2024

SaaS for the creation of CVs, assisted with generative AI

- Developed a SaaS platform specializing in CV creation, to assist users in crafting compelling resumes with generative AI.
- Designed the data processing pipelines, API endpoints, and database management, ensuring data integrity.

Dilo en Señas   August – December 2023

IOS App for accessibility of deaf and hard of hearing people

- Implemented Apple's Core ML technology for object recognition, in an interactive children's game.

SKILLS

PROGRAMMING LANGUAGES

Advanced:	TypeScript, JavaScript, Python
Intermediate:	C++, Swift
Advanced Beginner:	Rust, Solidity, Matlab, C#, R

TECHNOLOGIES

Next.js, React, pgAdmin, SQL, HTML, CSS, node.js, Express, socket.io, MongoDB (NoSQL), Git, Github, Pytorch, Amazon Web Services (AWS), OpenCV, Apple SDK, VirtualBox, Cypress, Jest, Unix/Bash, Android SDK, Unity3D, Docker, Three.js

RELEVANT COURSEWORK

Advanced Algorithm Design
Software Cloud Architecture
Multi-Agent Systems
Object Oriented Programming

EXTRACURRICULAR

President of the crypto development club - 0xTec	2023-2024
Active member of mountaineering club Trepacerros Mty	