

Victor Manuel Telles Amezcua

Software Development Engineer

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PROFESSIONAL PROFILE

Full Stack Developer with experience in web and mobile applications, covering **frontend**, **backend**, **databases**, and **cloud deployment**. Focused on writing clean, maintainable, and scalable code. I leverage AI tools to optimize workflows and solve complex technical challenges.

PROJECTS

Zilla-ZH3 – Portfolio & Administration Panel

June 2026

Developed an interactive web app with an admin panel for a 3D artist using **Next.js (App Router)**, **TypeScript**, and **TailwindCSS** to deliver a premium interface. Integrated secure **Discord OAuth2** whitelist authentication, premium **GSAP / Framer Motion** animations, native **dark/light mode**, and deployed the site on **Railway**. Live demo: zillazh3.up.railway.app

JobFlow – Job Application Management System

May 2026

Developed a **Python** and **Streamlit** application with the support of **AI** tools to manage job applications. Implemented automation with **Playwright** to scrape DOM data from job postings, generating metrics on high-demand technologies and platforms.

Quantumpaws Park – Web Platform for Image Uploading

May 2026

Developed a web platform with **Next.js** and **TypeScript** to optimize the distribution of custom images in a VRChat world with over **89,000 visits**. Integrated cloud object storage with **Cloudflare R2** for efficient content delivery and designed a secure administration panel featuring **Discord OAuth2** authentication, deployed with high performance on **Vercel**. Platform live at quantumpaws-park-web.vercel.app

ReUseITESO – Circular Economy App

January – May 2026

ITESO – Guadalajara, Jalisco

Co-developed a circular economy marketplace web application for the **ITESO** community. Implemented the frontend with **Next.js** and **TailwindCSS**, utilizing SSR, image optimization, and global style variables. Worked on the backend with **Django and Python**, contributing to the business logic for listing items by developing **REST APIs** and proposing the database design with **PostgreSQL**. Additionally, I configured **CI/CD** pipelines using **GitHub Actions** and developed unit and end-to-end tests with **Playwright MCP**.

RITSA – Corporate Website

January – February 2026

Muebles RITSA – Ocotlán, Jalisco

Developed the corporate website from scratch, aligned with the company's rebranding and new visual identity guidelines, featuring an updated catalog for the **AFAMO Furniture Expo 2026**. Built with **Next.js** (SSR + App Router) for SEO and performance, **TailwindCSS** for responsive design, and deployed on **Vercel** delivered on a tight deadline with the support of AI tools. mueblesritsa.com.mx

WORK EXPERIENCE

Full Stack Developer

August – December 2025

Ingeniería en Telecomunicaciones e Informática S.A (ITISA) – Guadalajara, Jalisco

- Developed two web applications to monitor supplier alarms, optimizing operational efficiency and reducing maintenance response times.
- Refactored and optimized **70%** of a legacy codebase (**Python**, **JavaScript**, **HTML**, and **CSS**), implementing separation of responsibilities.
- Redesigned user interfaces using **UX/UI** principles, increasing usability and customer satisfaction.
- Implemented a **role-based access control (RBAC)** system, enhancing overall application security.
- Developed an **interactive dashboard** with key metrics and **KPIs** to streamline decision-making.

LANGUAGES

Spanish: Native

English: Intermediate (A2/B1)

EDUCATION

Software Development Engineering

August 2020 – December 2026

University - ITESO

Programming Technician

August 2016 – December 2019

High School - CBTis 49

SOFT SKILLS

- Teamwork
- Management and Organization
- Team Communication
- Adaptability

TECHNICAL SKILLS

Programming Languages

Python, JavaScript, TypeScript

Frontend Development

HTML, CSS, React, Angular, NextJs, Sass, TailwindCSS, Bootstrap, Flutter, Figma, Next.js

Backend Development

Node.js, Express, Django, Flask

Databases

MongoDB, MySQL, PostgreSQL

DevOps and Tools

AWS, Firebase, Vercel, Docker, CI/CD, Git, GitHub/Copilot, Claude

Methodologies

Agile Development, CRUD, RESTful APIs, Scalable Architectures, 12 Factor Apps, DevOps Practices