

## Experience

### AIE Consulting Group

Web Developer

June 2024 – October 2024

Queretaro, Mexico

- Developed and maintained 3+ dynamic web applications using **React.js**, **Next.js**, and **Tailwind CSS**, increasing mobile responsiveness and reducing average page load time by 45%.
- Implemented and customized **Odoo CRM** modules across 3 departments, automating over 12 business workflows. Integrated **RESTful APIs** that sustained up to **1,200 requests/sec** under load testing, exceeding internal performance benchmarks.
- Managed a client portfolio of 10 SMBs, delivering tailored digital strategies that led to an average **30% increase in web traffic** and **18% growth in lead conversions** within 3 months.

### T-Systems

Full-Stack Developer

July 2022 – December 2022

Puebla, Mexico

- Provided **Figma** and **Notion** consultancy for 4 Agile teams, reducing design handoff time by 25% and improving project documentation clarity.
- Conducted **Design Thinking** workshops that resulted in **3 validated prototypes**, aligning development with user needs and reducing rework by 20%.
- Served as **SCRUM Master** for a cross-functional team of **7 developers and designers**, improving sprint delivery rate by **15%** through effective **Agile** coaching and sprint planning.

## Education

### Universidad de las Americas Puebla

Bachelor's Degree in Computer Systems Engineering (GPA: 8.7 / 10.0)

August 2019 - May 2023

Puebla, Mexico

### Apple Developer Academy - University of Napoli Federico II

Student

June 2024

Naples, Italy

## Projects

### Stomadida

iOS App

2025

Napoli, Italy

- Designed and developed **Stomadida**, a mobile-first health tracking application using **SwiftUI**, tailored to support patients with stomas in managing daily care routines.
- Implemented features such as **routine logging**, **image-based status tracking**, and customizable reminders, improving patient autonomy and care accuracy.
- Integrated multilingual support for **English**, **Italian**, and **Spanish**, increasing accessibility for diverse user bases.

### Social Service App

iOS App

2023

Puebla, Mexico

- Designed and developed an educational **iOS application** aimed at helping elementary school students learn poetry through an interactive **snakes and ladders game**, enhancing engagement and retention.
- Implemented an intuitive **UI/UX design** aligned with the updated **SEP curriculum guidelines**, ensuring accessibility and ease of use for young learners.

### IoT Project

Web Application

2023

Puebla, Mexico

- Developed a **web-based platform** to streamline attendance tracking for professors, eliminating the need for manual roll calls and enhancing efficiency.
- Designed an IT dashboard to generate detailed **analytics** and accurate reports on class attendance and faculty performance, improving data-driven decision-making.
- Integrated IoT devices such as **ESP32** with **RFID technology** to enable seamless attendance registration via cards or key fobs, ensuring secure and **real-time data synchronization** over the internet.

## Skills

- Languages:** Python, Swift, JavaScript, TypeScript, C, C++, C#, HTML5, CSS3
- Frameworks/Libraries:** React, Next.js, Nuxt.js, Tailwind, Bootstrap, Chart.js
- Cloud/DevOps:** Google Cloud (Certified), Firebase, Vercel, Git, GitHub
- Data/AI:** TensorFlow, NumPy, Matplotlib, Anaconda, MongoDB
- Design/Tools:** Figma, Canva, Notion
- Languages:** Spanish (Native), English (C1)
- Soft Skills:** Teamwork, Leadership, Problem Solving