

# Luis Mellado

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## SOFTWARE ENGINEER

**OBJECTIVE:** Full-Stack Developer | Technical Leader

## WORK EXPERIENCE

**CTO, Conest**

March 2025 - Present

- Spearheaded technology stack selection (Next.js, Supabase, Stripe) enabling rapid MVP development in 2 weeks, securing a spot in the US Entrepreneurship Competition.
- Integrated external APIs including Stripe (payment processing), OpenAI (AI-powered assistants), and Resend (Gmail automation) to create user workflows and allow monetization.
- Established Vercel automated deployments with custom domain, allowing continuous auditing.

**Intern Software Engineer, NTTData**

September 2024 – March 2025

- Automated Oracle ERP tasks using Python automation, reducing manual workload by 5x.
- Cut HR reporting time in half by developing efficient SQL-powered BI Publisher reports.
- Resolved 100+ monthly HR cases covering employee management and labor relations

**Waiter, Hnos Castro**

June 2021 – September 2024

- Delivered service in high-pressure environments (200+ daily customers), resolving conflicts and ensuring satisfaction through effective communication.
- Prototyped a digital inventory tracking system that reduced food waste and accelerated supplier order time by 2.5x.

## TECHNICAL PROJECTS

**Pawtel – Pet Accommodation Platform**

January 2024 – Present

**Project Leader & Full-Stack Dev**, University of Seville

- Led a team of 14 people, implementing agile methodologies to deliver a production-ready MVP.
- Conducted weekly planning sessions to optimize workload distribution across frontend, backend, and QA.
- Developed a PWA with App Store compatibility using Django backend and Vue.js/Vite frontend.

**Fuzzy Cluster-Based Classifier Chain**

September 2024 – Present

**Researcher & Dev**, University of Seville – IA Department

- Designed a multi-label classification model by integrating Fuzzy C-Means with Classifier Chains under supervision of Prof. José María Moyano, showing promising improvements in Hamming Loss against state-of-the-art benchmarks.
- Validated the model across 10 real-world datasets spanning diverse domains, handling sets from 6 to 300+ labels.

## EDUCATION

**Software Engineering**, ETSII, University of Seville

September 2021 – May 2025

- Fully English-Taught Program
- GPA: 8,95 / 10
- Honors in:** Physical Foundations of Computing, Computer Logic, Computer Networks and Applied Statistics.

## SKILLS

**Programming Languages:** Python, JavaScript, Java, SQL

**Frameworks:** Django, Supabase, SpringBoot, Vue.js, Next.js

**Languages:** Spanish (native), English (c1 level), German (basic level)

**Soft Skills:** Technical Leadership, Agile Project Management, Conflict Resolution, Process Optimization