

# CARLOS DELGADO

Software Developer

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## PROFESSIONAL SUMMARY

Software Developer with experience in web development (frontend and backend) and mobile applications. I adapt quickly to new technologies and address technical challenges through research and continuous learning. Committed to developing efficient solutions and constantly improving my skills.

## WORK EXPERIENCE

**Freelance Software Developer** | TraduSeñas AI Project

Agosto 2024 - Diciembre 2024

- Designed and implemented a real-time sign-to-text translation system with MediaPipe and ChatGPT.
- Optimized the latency of the model to allow fluid and accessible communication in modern browsers.

**Automation Developer** | LLM Social Project

Julio 2025 - Noviembre 2025

- Architected a content automation ecosystem for 5 social networks using Python and Meta/LinkedIn APIs.
- Implemented an asynchronous queuing system to manage large volumes of data and OpenAI tokens efficiently.

## PROJECTS

**UrbanScan AI - Satellite Analysis with AI**  Enlace

2024

AI engine for automated detection of urban and natural areas using segmentation models in TensorFlow.

**EntregasYA - Mobile Delivery Ecosystem**  Enlace

2025

Developed an efficient solution with Flutter and Firebase, managing real-time synchronization and data persistence.

**Telollevo Bot - Logistics & Geofencing**  Enlace

2025

Engineered a geolocation mapping engine that calculates optimal routes and dynamic costs via Telegram API.

## SKILLS

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### Technical Skills

**Languages:** Python, JavaScript, TypeScript, C++, Java

**Web & Mobile:** React, Next.js, Node.js, Astro, Flutter/React Native

**AI & Backend:** OpenAI API, REST APIs, SQL, NoSQL

**Cloud & Devops:** AWS (EC2, S3, VPC), Docker, Git/GitHub

**Design & UI/UX:** Figma, HTML5, CSS3, Tailwind CSS

### Soft Skills

Proactivity

Autonomous research

Troubleshooting

## EDUCATION

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**Computer Engineering (Graduate)** | Gabriel René Moreno Autonomous University (UAGRM)

2017 - 2025

- Solid training in data structures, algorithms, architectural patterns and databases (SQL).
- Specialization in Object-Oriented Programming (C++/Java) and Software Architecture.

**Secondary Education** | Victoria Diez School

2012 - 2016

- Training in typing and mastery of office tools (Word and Excel).

## CERTIFICATIONS & LANGUAGES

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### CERTIFICATIONS

Cloud architecture in AWS (EC2, VPC, S3, Docker).

Full Stack Development (Next.js, Python/Node, Git).

Web UI/UX and Frontend Design (Figma, HTML5, CSS3, JS).

### LANGUAGES

Professional English (B1/B2) - CAI.

Spanish native language.