# Isaac Antonio Arcia Castro
**Web Developer**

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## About
Web developer experienced in building modern web apps with TypeScript (React, Svelte), Python backends, and PostgreSQL. Proficient in API design with Strawberry GraphQL and deploying on AWS EC2.

## Experience

**Desarrollo Integral** Nicaragua
**Web Developer**  August 2023 - March 2024
- Database Automation: Co-developed a script that automatically scraped data from Google Sheets and converted it into a PostgreSQL database for seamless backend integration.
- API Development: Created an API using Python, psycopg2, and Strawberry GraphQL, ensuring efficient data retrieval and manipulation.
- Front-End Collaboration: Assisted in designing and building a React application using TypeScript and Tailwind, focusing on performance and UI/UX design.

**Ecuación Futuro** Nicaragua
**Frontend Web Developer**  April 2024 - July 2024
- Web Application Development: Developed and deployed a web application using Svelte, TypeScript, and Tailwind, delivering a fast, responsive, and visually appealing user interface.
- Cloud Deployment: Deployed the application on an AWS EC2 instance, ensuring reliable performance and accessibility for end users.
- Frontend Optimization: Focused on optimizing the app's performance, responsiveness, and cross-browser compatibility.

**OptiGrow Consulting Group** Nicaragua
**Frontend Web Developer**  September 2024 - October 2024
- Svelte Application Development: Developed a dynamic web application using Svelte, TypeScript, and Tailwind, ensuring an efficient, user-friendly interface tailored to client needs.
- AWS Cloud Deployment: Successfully deployed the application on an AWS S3 Bucket, optimizing infrastructure for scalability and high availability.
- UI/UX Enhancement: Focused on improving user interactions by fine-tuning design elements, responsiveness, and load performance across different browsers and devices.

## Education
**Universidad Nacional de Ingeniería** Managua, Nicaragua
Electronic Engineering - Present

## Languages
- **Spanish:** Native
- **English:** C1

## Skills
- **Software:**
  - Google Workspace, Squarespace
  - Linux, SSH
  - Neovim for coding, Git, and GitHub for version control

- **Hard & Soft Skills:**
    - Web development: React, Svelte, TypeScript, Tailwind, PostgreSQL
    - Backend development: Python, psycopg2, Strawberry GraphQL
    - Cloud deployment: AWS EC2
    - Linux sys admin: Shell scripting
    - Multithreaded programming
    - Problem-solving, communication, teamwork

## Certifications

**CS50x through CS50x.ni,** June 2020
Harvard University