

Oscar A. Romero Barbosa

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EXPERIENCE

Freelance -> Software Developer

July 2024 – September 2024

- Worked on a C# desktop app with SQL Server to help business operations.
- Provided support and minor enhancements for internal systems built with Odoo ERP.

Involve LLC -> Front-End Intern

March 2024 – April 2024

- Redesigned UI/UX for Laravel-based web apps, improving usability and responsiveness.
- Enhanced performance and accessibility.
- Collaborated with a team using Bitbucket for version control and workflow management.

Raytheon UAS University Innovation Project -> Software Developer

January 2024 – March 2024

- Developed Python scripts to support automation and control logic for autonomous systems.
- Worked with Linux-based environments and used shell scripting for task automation.

PROJECTS

Chill's Restaurant: Collaborative Project ([Project Link](#)) -> Backend Developer

C# | ASP.NET MVC | EntityFramework | SQL Server | ASP Identity

- Developed the backend API for user roles, authentication, and order management.
- Implemented secure login/signup features and CRUD operations for key entities.
- Deployed the system to Microsoft Azure for testing and access.

Romeros Tires and Rims: Desktop CRM ([Project Link](#))

Visual Basic | SQL Server | Excel

- Developed a desktop application to manage client information for a tire and rims shop.
- Implemented CRUD operations for registering, editing, and deleting client records.
- Added functionality to export client data to Excel.

Chef Claude: AI-Powered Recipe Generation Web Application ([Project Link](#))

TypeScript | React | Tailwind CSS | Claude AI API

- Developed a recipe suggestion app using AI and serverless API routes.
- Deployed on Vercel for fast and scalable hosting.

TimeTunes: Dynamic Playlist Generator from Billboard Charts ([Project Link](#))

TypeScript | Nextjs | Tailwind CSS | WebScraping | Spotify API | Vercel

- Developed a full-stack app that generates Spotify playlists using Billboard chart data.
- Implemented user login via OAuth2 and serverless APIs for playlist creation.
- Web scraping process achieves a 94% match rate for songs available on Spotify.
- Deployed on Vercel for fast and scalable hosting.

SKILLS

Programming Languages: C#, Python, TypeScript, SQL

Frameworks & Libraries: React, Next.js, Tailwind CSS, ASP.NET, Flask

Databases: SQL Server, MySQL

Tools: Git, Github

Languages: Spanish (native), English

EDUCATION / CERTIFICATIONS

Bachelor of Science in Computer Science

August 2020 - May 2024

Inter American University of Puerto Rico, Bayamon Campus