Oscar A. Romero Barbosa

Toa Baja, PR | 787-696-7701 | oromero2812@outlook.com | Portfolio | Github

EXPERIENCE

Involve LLC *-> Front-End Intern*   March 2024 – April 2024

- Redesigned UI/UX for Laravel projects, including the company landing page.
- Developed and maintained front-end components using **Angular**.
- Converted design mockups into responsive **HTML, CSS, and JavaScript** implementations.

Raytheon UAS University Innovation Project *-> Software Engineer*   *January 2024 – March 2024*

- Designed Python scripts to enhance autopilot functionalities for drones and autonomous vehicles.
- Assisted in the **assembly and integration** of hardware components for optimal drone performance.

PROJECTS

Chef Claude: AI-Powered Recipe Generation Web Application (Project Link **)**

TypeScript | React| Tailwind CSS | Claude AI API | Markdown

- Built a **web app** that generates AI-powered recipe suggestions based on user-provided ingredients.
- Implemented **Markdown formatting** for enhanced recipe readability.

Borinquen Picks: Android Application for Local Attraction Recommendations (Project Link **)**

Kotlin | Android SDK | Jetpack Compose | Firebase Storage | Firebase RealTime Database

- Developed an **Android app** recommending Puerto Rican attractions with categorized browsing.
- Integrated **Firebase Storage** to display rich media content dynamically.
- Utilized **Firebase Realtime Database** to store and retrieve attraction details efficiently.

RomeroBlog: Flask-Based Blog Application (Project Link **)**

Python | HTML | Bootstrap 5 | SQLAlchemy | Flask | Flask-Login | Flask-CKEditor

- Created a **full-stack blog** with user authentication, post management (CRUD), and commenting features.
- Implemented **Flask-Login** for secure authentication and **Flask-CKEditor** for a rich-text editing experience.

SKILLS

Programming Languages: C#, Python, Javascript, Typescript
Front-End: HTML, CSS, React, Next.js, Astro, TailwindCSS
Back-End: Flask, ASP.Net, Express.js
Mobile: Android SDK, Jetpack Compose, Kotlin
Databases: SQL Server, MySQL
Tools: Git, Github, Firebase
Languages: Spanish (native), English (B2)

EDUCATION / CERTIFICATIONS

Bachelor of Science in Computer Science   *May 2024*
Inter American University of Puerto Rico, Bayamon Campus

Google Cybersecurity Professional Certificate   *August 2024*
Coursera