Oscar A. Romero Barbosa

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

EXPERIENCE

Involve LLC

Front-End Developer Intern   *March 2024 – April 2024*

- Redesigned UI/UX for Laravel projects (including company landing page).
- Occasionally developed and maintained front-end components using Angular.
- Implemented design changes, converting mockups to HTML, CSS, and JavaScript.

Raytheon UAS University Innovation Project   *January 2024 – March 2024*

Software Engineer

- Designed and implemented Python scripts to enhance autopilot functionalities for drones and miniature autonomous vehicles.
- Contributed to the physical assembly and integration of drone and vehicle components to ensure optimal performance.

PROJECTS

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

- Developed a web application to generate AI-powered recipe suggestions based on at least four user-provided ingredients.
- Formatted generated recipes in Markdown for enhanced readability on the web.
- **Technologies**: React | Tailwind CSS | Claude AI API (Claude 3 Haiku) | Markdown

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

- Developed an Android app recommending Puerto Rican attractions.
- Utilized Firebase Storage to display image-rich content and implemented categorized browsing for easy navigation.
- Offers detailed views for each attraction, including name, address, description, and image.
- **Technologies:** Kotlin | Android SDK | Jetpack Compose | Firebase Storage

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

- Developed a web application enabling user registration, login, blog post management (CRUD operations), and commenting.
- **Technologies:** Python | HTML | Bootstrap 5 | SQLAlchemy | Flask | Flask-Login | Flask-CKEditor

SKILLS

Front-End Development: HTML, CSS, Typescript, React, Angular, Astro, Bootstrap, TailwindCSS

Back-End Development: Laravel, Flask, ASP.Net, Firebase

Mobile Development: Android SDK, Jetpack Compose, XML Views

Databases: MS SQL Server, MySQL, SQLite

Tools: Git, Github, Android Studio, VS Code, Visual Studio, Jira

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