Emiliano Luna George

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SOFTWARE PROJECTS

JurAid: Native Android app using MVVM, Kotlin, Supabase, Firebase   Aug 2024 - Oct 2024
Client: Clinica Penal Tecnologico de Monterrey
- Developed an Android application for Tec de Monterrey's legal clinic using Kotlin, Jetpack Compose, and Supabase within an MVVM architecture.
- The app provides legal information, appointment scheduling, and case management features for the ITESM community and the general public.
- Successfully implemented push notifications and ensured comprehensive functional testing coverage.

Technologies Used: Kotlin, Jetpack Compose, Firebase, Supabase, MVVM.

QuizKids: WebApp with game integration using WebGL   Apr 2024 - Jun 2024
Client: WBO Solutions

- Designed and developed an educational website for teachers and students, enabling teachers to manage classes, quizzes, and detailed performance statistics.
- Integrated interactive elements using WebGL for game-like features.
- Deployed the application by configuring and managing a VPS.

Technologies Used: HTML, CSS, JavaScript, Node.js, Express, Python, WebGL, MVC, SQL, MySQL.

KitchenGuard: IoT base project   Oct 2023 - Dec 2023
Client: ITESM
- Implemented sensors to monitor temperature, humidity, and gas particles with real-time analysis to ensure safety and detect potential hazards.
- Developed a Python API to manage data via HTTPS and integrated it into a web app using JavaScript for real-time monitoring.

Technologies Used: Python, JavaScript, HTTPS, IoT sensors.

HTML, CSS, JS Presentation Website for a Logistics Company   Aug 2023 - Oct 2023
Client: STI Logistics and Customs
- Developed a professional website to present company services, history, vision, and provide a means of contact.
- Focused on creating a user-friendly interface and ensuring cross-browser compatibility.

Technologies Used: HTML, CSS, JavaScript.

PROFESSIONAL EXPERIENCE

STI Logistics & Customs   Sep 2024 - Present
IT Projects Developer

- In Progress: Developing a web application to streamline daily operations, including managing accounts payable, inventory, and order tracking. **Expected to reduce operational inefficiencies by 30%.**
- Concurrently providing IT support, including network configuration and website maintenance.

EDUCATION & CERTIFICATIONS

ITESM 2022 - 2026
Computer Science and IT

Agile Explorer course by IBM
Issued by **IBM-SkillsBuild**

Languages:
Spanish (Native), English (Advanced)

EXTRACURRICULAR ACTIVITIES

Hackathon TEC - Sept 2024
Designed a financial chatbot for CapitalOne, enhancing customer engagement through AI-powered product recommendations.

Datathon TEC - May 2024
Developed a predictive model for Viva Aerobus flights with a **98% accuracy (R^2 = 0.98)**, optimizing ticket sales forecasting.