DIEGO SOLRZANO

Front End

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Linkedin | GitHub

EDUCATION

Instituto Tecnolgico y de Estudios Superiores de Monterrey   Puebla
Computer Science Bachelors   August 2021 - July 2026
Percentage: 92%

EXPERIENCE

Ecoespacio | Project Manager   Puebla, Mexico | August 2024 - December 2024
- Supervised the development of Android and iOS applications, ensuring project milestones were met and high-quality standards were maintained.
- Implemented the Scrum methodology to enhance team collaboration and streamline the development process.
- Contributed to both backend and frontend development, utilizing Swift to create robust and user-friendly features.

Karggu | Project Manager   Puebla, Mexico | September 2024 - December 2024
- Led the implementation of the Scrum methodology to enhance project management and foster team collaboration.
- Developed advanced graphics using OpenGL in Python, ensuring efficient rendering and high-quality visual outputs.

Topos FC | Backend developer   Puebla, Mexico | February 2024 - July 2024
- Designed and developed a website for Topos FC, a blind football team, incorporating accessible and user-friendly features tailored to their specific needs.
- Implemented the backend using MySQL for data management and developed the frontend with JavaScript to create an intuitive and functional interface.

SKILLS

Programming Languages:	C++, Python, Swift, Julia, Kotlin, Javascript
Libraries/Frameworks:	SwiftUI, Boostrap, Jetpack Compose, PostgreSQL, GitHub, React
Tools / Platforms:	VS Code, Xcode, Android Studio
Databases:	SQL, Firebase, postgreSQL

PROJECTS / OPEN-SOURCE

Mobile Developer at Ecoespacio | Link   *Swift*
Contributed to the development of a mobile app for Ecoespacio, promoting environmental awareness through Firebase integration for authentication, database management, and data storage. Enabled users to participate in challenges and earn rewards, fostering ecological responsibility and sustainable actions.

Simulation Development for Karggu Logistics | Link   *Python, Julia, JavaScript, CSS, HTML*
Developed a simulation for Karggu's package loading process with a Python OpenGL-based 3D frontend and a Julia backend. The system visualized forklifts, packages, and trucks in real-time, while the backend optimized routes and package allocation.

Mobile Developer at Ecoespacio | Link   *Kotlin*
Developed a mobile application for Ecoespacio in Kotlin for Android using Firebase.

Patrones Hermosos   *Javascript, React, Supabase, Express, ChakraUI*
Frontend Lead Patrones Hermosos (Current Project)
Leading the frontend development of Patrones Hermosos, a web platform for managing participants, coordinators, and site operations in a STEM education program. Focused on building intuitive, data-driven interfaces to streamline user management and document validation.

CERTIFICATIONS

- CCNA: Switching, Routing, and Wireless Essentials - **Cisco**