Isidro Treviño

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EDUCATION

Tecnológico de Monterrey — Monterrey, Mexico
Computer Technology Engineering — *June 2026*
- Cumulative GPA: 95/100
- Relevant courses: Object-Oriented Programming, Algorithms and Data Structures, Internet of Things, Software Development.
- 50% Academic Scholarship

PROFESSIONAL EXPERIENCE

GeoStats — December 2023 - May 2024
Fullstack Developer Intern — *Monterrey, N.L.*
- Led the design and implementation of critical React components and unit tests for the Probono Web Application, improving user experience and functionality.
- Contributed to frontend/backend modifications, including the integration of different options and pages. Additionally, implemented various endpoints and modified database tables to add more functionalities to the web application.
- Collaborated with a cross-functional team and external organizations to develop a robust platform to facilitate communication and collaboration to create strategic alliances between probono organizations in Nuevo León.
- Played a key role in mapping Nuevo León initiatives by developing a screen that visually displays the impact of registered local organizations. Ensuring that the probono web application meets the needs of civil society, fostering engagement and collaboration of different initiatives for the benefit of the city.

PROJECTS

Smart Covers | *React, Express, Node, MySQL, CSS, Arduino* — September 2023 - December 2023
- Developed a full-stack web application using Node and Express, creating a REST API for the connection between the database and the frontend built in React.js. The application serves as a data viewer for a photoresistor connected to an Arduino, simulating automatic or scheduled curtain control.
- Implemented an authentication system and encrypted data management to ensure user data security and privacy.
- Established a direct connection between the API and the React frontend to allow real-time data updates such as schedules, manual commands, or sensor readings.

Qualtia Contigo | *React-native, MySQL, Azure, Node.js* — March 2024
- Led a team of three in developing the Qualtia Contigo application, taking charge of frontend development and supervising back-end development done with MySQL and Node.js.
- Presented a prototype of Qualtia Contigo to the company, obtaining approval not only for the application but also for this concept and redesign of the business model.
- Designed and implemented a feature-rich application, incorporating promotions, home delivery services, and a rewards system to encourage users to shop through this application rather than through retailers with the aim of increasing the company's popularity and sales.

TECHNICAL SKILLS

Languages: Java, Python, C#, C++, MySQL, JavaScript, HTML/CSS, R, Arduino, TypeScript.
Frameworks/Libraries: React, Express, Node.js, React-Native, Tailwind CSS, Bootstrap, ASP.NET, Jest.
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Prisma, Github.

ADDITIONAL SKILLS

Soft Skills: Problem Solving, Team Collaboration, Agile Methodologies, Critical Thinking, Adaptability, Time Management, Leadership
Languages: English (C1 Level), German (A1 Level), Native Spanish