

Carlos Hiram Sánchez Meneses

Software Engineer

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EDUCATION

Instituto Tecnológico de Sonora, Ingeniería en Software 08/2022 – Present
Pursuing a degree in Software Engineering with a focus on full-stack development. Experienced in academic projects applying knowledge in programming, databases, distributed systems, embedded systems, and related areas. Cd. Obregon, Sonora, Mexico

PROFESSIONAL EXPERIENCE

Exela Technologies, Bilingual Data Entry Operator 05/2023 – 08/2023
Served as a Bilingual Data Entry Operator and Adjudicator in an international project, working closely with global teams. Gained valuable experience in cross-cultural communication, data management, and professional collaboration. Cd. Obregon, Sonora, Mexico

KEY ACHIEVEMENTS

Hackathon SPEI 2025, Participant 07/2025 – 09/2025
Participated in the Hackathon SPEI 2025, designing an innovative application that leverages Mexico's SPEI payment infrastructure to provide accessible and efficient financial solutions for users across the country. Mexico

Jovenes Impulsando la Industria 2025, 1st place - Team member 06/2025 – 06/2025
Participated as a member of the winning team in Jovenes Impulsando la Industria's IT Challenge, developing an application for activity management, performance tracking, and task assignment within the operations area, serving as both designer and developer of the proposed solution. Cd. Obregon, Sonora, Mexico

TECHNICAL SKILLS

Languages: Java, Javascript/Typescript, Python, HTML, CSS, SQL, Kotlin

Developer Tools: Git, Docker, Postman, Firebase, Android Studio

Libraries/Frameworks: SpringBoot, ReactJS, NestJS, TailwindJS

LANGUAGES

Spanish
Native/Bilingual

English
Fluent | C1

Italian
Basic | A1

PROJECTS

Flashy, *Flashcards App* [↗](#)

Developed a full-stack flashcard web app using **Node.js, Express, MongoDB, and vanilla JS**; implemented **RESTful APIs**, dynamic UI rendering, and secure CRUD operations for user-created study decks.

Promodoro, *Pomodoro Timer & Project Management App* [↗](#)

Developed a full-stack productivity app with **React** frontend and **Express/MongoDB** backend. Implemented **task tracking, session timers, and project dashboards**, integrating **RESTful APIs** and responsive **TailwindCSS UI** for a smooth user experience.

Admin Ease, *Inventory Management System for Moi-Moi Restaurant* [↗](#)

Built the frontend for a restaurant inventory platform using **React, TypeScript**, and **TailwindCSS**; designed responsive, user-centered interfaces that improved workflow efficiency and met client specifications.