

German Torres Sierra

🏠 Morelia, Michoacán, México

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Experience

University Social Service

TecNM

Web Developer

January 2025–June 2025

- Developed a responsive institutional website that enables students to track their progress in language courses.
- Implemented an MVC architecture and modular code structure to improve maintainability and reduce duplicated logic.
- Designed intuitive, accessible interfaces to improve user experience across devices.
- Managed source control and team workflow in GitLab to coordinate development and reviews.

Freelancer

Remote

Part-time Software Developer

July 2024–December 2024

- Developed and maintained codebases using Python, leveraging APIs from platforms such as Dropbox, Discord, Slack, Airtable, Upwork and Shopify to deliver client-specific solutions.
- Built and deployed CRUD applications using Flask and Express.js frameworks.
- Designed user-friendly front-end interfaces and integrated templates to enhance user experience.
- Utilized GitHub for version control, project management, and collaboration.
- Employed Docker containers and cloud services like Firebase and Google Cloud to deploy and scale applications.

Projects

Inventory Management System (React, Laravel)

- Built a full-featured inventory management system to track product receipts and shipments, create and monitor projects, and monitor activities.
- Implemented role-based access control with Spatie to enforce permissions and protect sensitive operations.
- Integrated AWS S3 for scalable file storage and efficient asset management.
- Applied coding best practices and a component-based architecture to deliver a large, maintainable web application.
- Translated business requirements into scalable code and implemented workflows aligned with operational processes.

Restaurant Website (React, Django)

- Developed the website according to specific requirements, successfully meeting all criteria.
- Followed Scrum methodology to ensure timely project completion.
- Implemented administrative tools for dynamic data management, enabling client to modify various components of the website.
- Designed a responsive and aesthetically pleasing user interface.

Pokédex Explorer (React)

- Implemented a centralized Context that aggregates multiple PokeAPI endpoints into a single, easy-to-consume data object for each Pokémon, simplifying data access across components and reducing duplication in fetch logic.
- Built client-side routing that reproduces the Pokedex experience: browse the list of Pokémon, click a card, and navigate to a detail page with comprehensive information.
- Delivered a fully responsive web interface that supports searching and browsing long Pokémon lists with smooth navigation across devices.

Education

Instituto Tecnológico de Morelia

Morelia, Michoacán

Computer Systems Engineer

August 2021

Coursework: Data Structures, Operative Systems, Linear Algebra, OOP, Database Administration, Software Engineering.

One Oracle Next Education Bootcamp

Virtual

Front-end Web Developer

January 2024–July 2024

Coursework: JavaScript, CSS, HTML, React.