German Torres Sierra

🏠Morelia, Michoacán, México

📬 germants180@gmail.com ☎ (+52) 4436101537 🖥 My Website GitHub:Gerts18 LinkedIn:German Torres Sierra

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.

Skills

Programming Languages: Python, Javascript, PHP.
Developer Tools: Visual Studio Code, Chrome DevTools, Git, GitHub.
Technologies/Frameworks: Django, React, Laravel, SQL.
Soft Skills: Communication, Teamwork, Responsability.
Languages: Spanish (Native), English (B1).

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.