

Gasca Contreras Carlos

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Summary

Frontend-focused software developer with experience in React, Tailwind CSS, and API integration. I also participate in Backend development using Django and microservices, always aiming to create complete, efficient, and scalable applications.

Work Experience

• Research Project 08/2024 - 07/2025

Automatic Evaluation of Open-Ended Questions

Designed and implemented a Python tool for the automatic evaluation of open-ended questions. Used Natural Language Processing (NLP) techniques, cosine similarity, and the OpenAI API to improve text classification accuracy in educational environments.

• Postgraduate Student School Management Platform 02/2025 - 07/2025

Instituto Tecnológico de Morelia.

Collaborated in the development of the Frontend for user management using microservices, utilizing React and TailwindCSS. Implemented responsive and dynamic interfaces.

• Integrated Academic Management System 02/2025 - 07/2025

Instituto Tecnológico de Morelia

Participated in the backend development of the Integrated Academic Management System using Django. Focused on correcting critical bugs and optimizing key modules to improve system performance and stability

• “Benedí” Primary School 08/2025 - Concludes 12/2025

Computer Science Teacher

Teach computer science classes at the primary level.

Design activities that introduce basic concepts of programming and software use

• “QuePlan” 02/2025 - 06/2025

Designed the user interface and developed part of the frontend (React) for "QuePlan," a social network focused on creating and organizing social gatherings and activities.

Implemented backend integration using APIs, ensuring fluid communication between the server and the interface, resulting in a modern, attractive, and intuitive user experience.

• “Asociación de Mujeres Mezcaleras de Michoacán” 02/2024 - 05/2024

(Mezcal Producers Women's Association of Michoacán)

Developed the Frontend of a website for a non-profit association, focused on displaying photos and contact information. Used React and Tailwind CSS.

Education

• Instituto Tecnológico de Morelia (Morelia Institute of Technology)

- Computer Systems Engineering
- English Level: B1
- Native Language: Spanish

Currently enrolled (Last year)

Skills

- Languages: Javascript, Typescript, Java, C, C++, C#, Python
- Tools: Git, Github, Trello, Jira, Teams, Figma, Postman
- FrontEnd: React.JS, Tailwind CSS, HTML, CSS
- BackEnd: NodeJS, SQL, PostgreSQL, MySQL