

Oscar Fuentes

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Fullstack Developer with nearly three years of experience in web development, focusing on API creation and management. During this time, I have extensively worked on the logical aspects of development, where I have encountered and overcome numerous challenges through my strong research and problem-solving skills. Highly skilled in both frontend and backend technologies, I bring a comprehensive approach to developing efficient and scalable web solutions. I am a proactive team player with excellent analytical skills and a commitment to continuous learning and improvement.

Education

2025

Computer Systems Engineering | Instituto Tecnológico de Morelia | Morelia, Mich.

Skills

- React
- Node.js
- Express.js
- Angular
- JavaScript
- TypeScript
- Spring Boot
- .NET
- Python
- MySQL
- MongoDB
- MSSQL Server
- GitHub / GitLab
- HTML
- CSS
- Tailwind CSS
- Bootstrap
- English B1

Experience

2022 MAR - OCT

Fullstack Developer | SER Sueños, Risas y Esperanza | Morelia, Michoacán

I designed a user information collection system that automatically transmitted the data via email to the owner. Additionally, I integrated an interactive map feature to enhance accessibility and location tracking.

- **Implemented the Google Maps API** to interactively display the foundation's location.
- **Utilized the FormSubmit API** to streamline and automate the transmission of form data via email.

2023 FEB - SEP

Fullstack Developer | Clínica de Belleza Lilí | Morelia, Michoacán

Led multiple backend tasks focused on managing APIs for CRUD operations on the website. Developed a robust user verification system using verification codes sent via email. Additionally, implemented a dynamic appointment display feature.

- **Managed APIs with Mongoose** for efficient data operations in MongoDB.
- **Used Nodemailer to automate** the process of sending verification emails seamlessly.
- **Implemented an appointment display** feature to effectively show daily bookings.

2024 JAN - MAY

Front Developer | Memory Game

Designed and deployed an interactive webpage using React and TypeScript. The project is an online accessible memory game, providing intuitive and responsive user experience.

- **Developed** the web application **with React and TypeScript**, ensuring modular and scalable code.
- **Implemented** the memory game with **efficient frontend logic** for smooth user interaction.
- **Successfully deployed** the webpage on **GitHub Pages**, ensuring easy and stable access for users.

2024 JAN - MAY

Fullstack Developer | Concurso Feria de Proyectos de Investigación | Morelia, Michoacán Michoacán

Participated in the Research Projects Fair contest organized by my university. The project was a webpage that allowed users to generate semantic reports from multiple web pages using the OpenAI API. The application extracted relevant information via web scraping and generated a detailed report on the requested topic, including citations from the used sources.

- **Implemented the OpenAI API** to generate **semantic content** based on the collected information.
- **Integrated the PDFKit library** to allow users to quickly and efficiently **download the reports in PDF format**.