# Carlos Roberto Mercado Diaz

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**LinkedIn** | **GitHub** | **Portfolio**

## Summary

Full stack web developer with over 3 years of experience specializing in building responsive and scalable web applications using **React**, **JavaScript (ES6+)**, and **Express.js**. Experienced in collaborating with cross-functional teams, integrating REST APIs, and working in cloud-based environments such as **GCP**. Fluent in English and Spanish, with strong problem-solving skills and adaptability in agile development environments.

## Professional Experience

**Software Engineer II**
*Eviden*
**Nov 2021 – May 2024 | Remote (Mexico)**

- Developed and maintained internal enterprise applications using **React**, **Material UI**, and **Redux**.
- Integrated RESTful APIs from Java-based backends and collaborated closely with backend teams using **Swagger** for testing and debugging.
- Supported frontend/backend coordination for scalable deployments through **GCP**, handling environment variables and cloud-based test environments.
- Applied **agile practices** and contributed to multiple teams with varied **workflows**.
- Enhanced code quality and maintainability through clean, modular architecture.

**Web Developer**
*Procuraduría General de Justicia del Estado de Hidalgo*
**Jul 2021 – Oct 2021 | Hidalgo, Mexico**

- Created and improved internal tools for administrative use using **HTML**, **CSS**, **JavaScript**, and **PHP**.
- Focused on improving system usability, reliability, and performance.
- Participated in system enhancements to streamline daily government operations.

## Technical Skills

- **Frontend:** React.js, JavaScript (ES6+), HTML5, CSS3, Material UI, Redux, Context API, Responsive Design
- **Backend:** Node.js, Express.js, REST APIs, Middleware
- **Tools & DevOps:** Git, GitHub, GitHub Actions, Yarn, NPM, Swagger, Postman
- **Cloud & Deployment:** Google Cloud Platform (GCP), PCF, Spinnaker, CI/CD Pipelines
- **Other:** Agile Methodologies, English (B2 – iTEP certified), Spanish (native)

## Education

- *August 2016 - August 2020*
  Information and Communication Technology **Engineer**
  **Universidad Tecnológica de la Zona Metropolitana del Valle de México**

- *September 2017 – November 2017*
  Trent-ESL: English for computing program
  **Trent University**