

## Pedro Landeros

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### Education

**ESCOM – IPN**

August 2022-Present

Bachelor's degree in computer systems engineering.

### Experience

Grupo Carso

**Backend QA Lead**

February 2024-July 2024

Led Backend QA **Testing** for the Claro Drive application, overseeing an intern and automating testing processes, which increased productivity.

- Increased issue resolution rate from 60% to 90% by collaborating with the development team and following Agile **SCRUM**, according to JIRA data.
- Proposed and implemented a Node.js-based test automation system for regular **API** performance checks, in collaboration with the test team.
- Tested new payment methods, ensuring proper implementation.
- Coordinated issue resolution using tools like **Postman** and Charles Proxy.

Tech stack:

Postman 11   Axios 1.7.2   Node 20.16.0   Puppeteer 22.13.1   JWT   Charles proxy 4.4.6  
Ajax 1.1.2   jQuery 3.7   Git

Kaizen Industrial

**Full stack developer**

January 2023- December 2023

Supported the development of a system that standardized purchases and sales within the company.

- Developed a .NET Core interface for client and supplier management, uploading over 300 records.
- Created **RESTful** ASP.NET **APIs** to periodically sync cloud-based Firebase with SQL, ensuring accurate purchase and sales tracking.
- Automated report generation in collaboration with sales department using **WPF**, XAML, Entity Framework, **Firebase**, and JWT.
- Utilized binary search for price optimization, hash tables for efficient searches, and heaps for data organization, achieving constant and logarithmic search times.

Tech stack:

C# 10   ASP.NET 4.8.1   Entity Framework 6.2.0   DOTNETCORE 6.2.0   GitHub   SQL Server  
2022   Firebase 12.3.1   Docker 23.0.5   HTML5   CSS3   XML

### Projects

Full stack development

January 2021-Present

**Beauty Salon Scheduler**

Real-time agenda built with **microservices**, **Docker**, **AWS**, and a React frontend.

Tech stack: ASP.NET 8.0 Entity Framework 8 SQL Server 22 React 18.2.0 AWS Docker Git GitHub

**Scalable Task Management System**

Microservices for user authentication, task management, and reporting.

Tech stack: ASP.NET Core 8.0 Entity Framework SQLite React 18.2.0 **Azure App Services**

### Skills

ASP.NET Core 8.0 **Microservices** **AWS** **Azure** Entity Framework 8.0 SQL Server React 18.2.0

Postman 11.0 Angular 16.0 CSS3 JavaScript ES14 jQuery 3.7 HTML5 Node 20.16.0 **Docker 23.0.5**  
**Git** **GitHub** **RESTful APIs**