**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

Kaizen Industrial

**Full stack developer** January2023- 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.
* Improved resource usage and user experience through optimized search algorithms.

Tech stack:

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

**Projects**

Full stack development January 2021-Present

**Users API**

A RESTful API for real-time user management, integrated with React.

Tech stack: ASP.NET 8 Entity Framework 8 SQL Server 22 React 18.2.0 Postman 11 HTML5

**Real time Chat**

Real-time chat that avoids bottlenecks and features an Angular interface.

Tech stack: ASP.NET Core 8.0 SignalR 8.0 Entity Framework 8.0 Angular 16.0 TypeScript 5.1

**Skills**

ASP.NET Core 8.0 Entity Framework 8.0 SQL Server 2022 React 18.2.0 Postman 11.0 Angular 16.0 TypeScript 5.1 CSS3 HTTP/3 JavaScript ES14 jQuery 3.7 HTML5 Node 20.16.0 Docker 23.0.5