SAMUEL DAVID LOAIZA OCAMPO

Software Developer | C# .NET Core & React (TSX) | PostgreSQL

📍 Bogotá, Colombia

✉️ loaizaocampos@gmail.com

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in LinkedIn   GitHub   🌐 Portfolio

PERFIL

Full Stack Developer specialized in the .NET ecosystem (ASP.NET Core) and React. Expert in building robust architectures with Entity Framework Core and PostgreSQL. Focused on optimizing backend processes and creating scalable interfaces, with a proven ability to reduce technical debt and improve operational efficiency.

WORK EXPERIENCE

Junior Software Engineer
06/2025 – Present

PC INGENIERIA

- Designed and built an end-to-end automation system using ASP.NET Core, PostgreSQL, and React with TypeScript (TSX), replacing manual processes via background asynchronous task orchestration.
- Implemented web automation flows with Microsoft Playwright for autonomous interaction with external portals and developed a notification engine integrating WhatsApp Web with session persistence.
- Audited and refactored existing web applications, resolving critical console errors, decreasing server response latency, and improving performance and SEO metrics.
- Modeled and managed relational databases using PostgreSQL and Entity Framework Core, handling complex migrations to ensure data integrity in automation records.

FEATURED PROJECTS

Business Process Automation System
C# • ASP.NET Core • PostgreSQL • Entity Framework Core • React • TypeScript • Microsoft Playwright

End-to-end platform to automate critical business workflows, including background task orchestration, external portal integrations, and a notification engine with session persistence.

Inventory Management API
C# • ASP.NET Core • PostgreSQL • Entity Framework Core

RESTful API for inventory management with integrated auditing system, developed following clean architecture principles and best practices in .NET.

TECHNICAL STACK

FRONTEND

React.js   TypeScript   TailwindCSS   Vite

BACKEND

C#   ASP.NET Core   Entity Framework Core   REST APIs

DATABASE

PostgreSQL   Diseño Relacional

TOOLS

Git/GitHub   Playwright   Docker   Linux/Bash

EDUCATION

Associate Degree in Informatics

UNIMINUTO Colombia

2024 – 2026 (In Progress)