

<Joan Marcos/>

Software Developer

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PROFILE SUMMARY.

Software Developer and Cybersecurity Engineer with a strong passion for competitive programming and problem-solving. Junior Backend Developer with +2 years of experience in building scalable and efficient systems, as well as crafting dynamic and visually appealing frontend applications. Over 2,000 solved problems in competitive programming, proficient in advanced algorithms and optimization techniques. Constantly learning new technologies to enhance my skills and tackle complex challenges.

WORK EXPERIENCE.

Software Developer.

Jan 2025 - Present | C# - .NET - SQL Server - Entity Framework

Currently working on a large-scale desktop application with over 12 years of development. My responsibilities include implementing and maintaining backend logic using **Domain-Driven Design (DDD)**, resolving tickets, optimizing system performance through clean architecture, and collaborating with the team to enhance functionality and scalability.

Frontend Developer at Quantico (Freelance).

Aug 2022 – Mar 2023 | HTML - CSS - JavaScript - React.js

Designed and developed interactive user interfaces, ensuring modern and responsive layouts across different devices. Implemented best practices for performance optimization, improving page load speed and user experience. Built reusable UI components and maintained clean, modular code to facilitate future scalability. Integrated API calls to dynamically render data and improve interactivity within the web applications.

Algorithmic Task Solver at Near Crowd (Near Protocol).

Jan 2020 - Jun 2022 | C++ - Algorithm Design - AI Learning Platform

Worked on an AI-powered learning platform, solving complex algorithmic tasks using **C++**. I provided detailed problem analyses, step-by-step explanations, and optimized code solutions. My contributions helped improve the platform's educational capabilities by enhancing AI-driven problem-solving techniques.

PERSONAL PROJECTS.

Mariposa Restaurant.

React - Tailwind CSS - Node.js - MySQL - Docker

A full-stack project designed to help restaurants grow and establish a strong online presence. Features include a modern landing page, an interactive menu with cart functionality, a table reservation system, and role-based authentication. The admin dashboard enables efficient management of orders, reservations, and menu updates. Built with scalability, responsive design, and user-friendly interfaces to enhance the customer experience and streamline operations.

E.C.A Inventory System Management Tool.

C# - SQL Server - Entity Framework – DevExpress

A robust desktop application for inventory control and management, used by multiple businesses to track stock levels, manage suppliers, and streamline inventory operations. Designed for scalability and ease of use, it ensures accurate record-keeping and optimized workflows.

E.C.A POS System.

C# - SQL Server - Entity Framework – DevExpress

A user-friendly POS system to enhance the checkout process for businesses. Features include a touch-enabled interface, seamless transaction handling, and integration with inventory management. This desktop application improves business sales and financial management while providing a modern and intuitive user experience.

Comfort Tint Miami.

React - TypeScript - Node.js - Tailwind CSS

A professional landing page for a window tinting business in Miami, featuring an appointment booking system. This project helps the business attract clients and streamline the booking process while ensuring a responsive and visually appealing design.

SKILLS

HTML, CSS, Javascript, Typescript, React, Nodejs, Express, Nextjs, Tailwind, Mongo, Postgres, OOP, C#, .Net, Entity Framework, ASP.Net, Python, C++, Docker, SQL, Git, Azure.

EDUCATION

Cybersecurity Engineer *University of Informatic Sciences (La Habana)*

2020 –2023

Studied cybersecurity engineering, where I gained extensive knowledge in network security, cryptography, and ethical hacking. I continuously strive to improve my skills in cybersecurity, ensuring I stay updated with the latest trends and tools.

Online Courses.

2020-Present

- Completed various courses from Microsoft on Coursera, including advanced programming and software development topics.
- Currently enrolled in a course to obtain the CompTIA A+ certificate, still in progress.
- Engaged in self-study through a range of specialized courses to enhance my skills.

Competitions

2016-Present

- Competed in ICPC (International Collegiate Programming Contest) during university.
- Participated in Olympiad in Informatics at the Ibero-American level.
- These competitions helped me sharpen my problem-solving and algorithmic skills, and provided valuable experiences in competitive programming.

Languages

Spanish: Native.

English: Intermediate (B1 - Conversational).