

Santiago Castro Muñoz

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I am a software engineer with over 2 years of experience, passionate about web development, cloud, blockchain, and machine learning. I excel at solving complex logical puzzles, love learning, and thrive on facing new challenges. I am highly organized and dedicated to finding efficient solutions to concurrent problems, ensuring both quality and performance in my work.

PROFESSIONAL EXPERIENCE

BUCKS

Head of Development

Bogotá, Colombia

July 2024 - Now

- Enhanced Bucks Finance by adding Providers and Inventory Management modules using AWS, Express.js, React.js, and MongoDB.
- Improved Providers and Products classification with OpenAI vector embeddings and MongoDB vector similarity search functionality.
- Redesigned the main application's login page, navigation bar, and profile page using Tailwind CSS for a better user experience.
- Led the transition of the Express backend from JavaScript to TypeScript, focusing on data validation, high cohesion, and low coupling.

TECFICON

Freelance developer

Bogotá, Colombia

December 2022 - July 2023

- Integrated DocuSign in PHP to automate document signatures for a legal web application.
- Built a Python Tkinter desktop app to automate integration tasks with external applications.

PONTIFICIA UNIVERSIDAD JAVERIANA

Student tutor

Bogotá, Colombia

July 2022 - November 2023

- Instructor of Introduction to Programming and Data Structures subjects.

CORVATECH

Freelance developer

Bogotá, Colombia

July 2023 - September 2023

- File management automation project in Python.
- Web scraping and automation project in NodeJs.

EDUCATION

PONTIFICIA UNIVERSIDAD JAVERIANA

Systems Engineering

Honors: Proof of academic excellence (2021-30, 2022-10, 2022-30, 2023-10, 2023-30)

Bogotá, Colombia

July 2021 - Now

LYCÉE FRANÇAIS LOUIS PASTEUR

Colombian and French Bachelor Degree

Honors: "Mention Bien" in the BAC

Bogotá, Colombia

September 2007 - July 2021

ACHIEVEMENTS

DEVTALLES

Docker - Guía práctica de uso para desarrolladores

March 2024

SOLANA FOUNDATION

Winner Hack Series Bogotá

February 2024

REDIS

RU 101

December 2023

DEVTALLES

Legacy - Node: De cero a experto

November 2023

MICROSOFT

GitHub Universe Cloud Skills Challenge

November 2023

PYCON COLOMBIA

PyCon attendance

June 2023

RED HAT

Red Hat System Administrator I (RH124)

May 2023

AMAZON WEB SERVICES (AWS)

AWS Certified Cloud Practitioner

April 2023

ADDITIONAL SKILLS

- Tech Stack:
 - o Programming languages: C++, Python, Java, Rust, HTML, CSS, JavaScript, TypeScript, Dart, Solidity.
 - o Frameworks: React, Angular, Astro, NextJs, Express.js, NestJs, FastAPI, SpringBoot, Flutter, Axum, Ethereum, SOLANA.
 - o Others: AWS
- Native in Spanish (C2). Fluent in French (C1) and English (C1). Basic proficiency in Portuguese (A2).
- Problem Solving, Quick Learner, Adaptable, Organized, Dedicated, Curious.