Santiago Castro Muñoz

Bogotá, Colombia · santicm.com · linkedin.com/in/santiago-castro-munoz
+57 316 017 7051 · santicastrom@outlook.com

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   **Bogotá, Colombia**
Head of Development and Team Leader   *July 2024 - Now*

- Enhanced Bucks Finance by adding Providers and Inventory Management modules using AWS Step Functions, Express.js, React.js, and MongoDB.
- Improved Providers and Products classification with OpenAI vector embeddings and MongoDB vector similarity search functionality.
- Led the transition of the Express backend from JavaScript to TypeScript, focusing on data validation, high cohesion, and low coupling.
- In charge of organizing the Frontend Team on redesigning the platform's causation module, sidebar, and login page using Tailwind CSS and Shadcn/UI for a better user experience.

INNOVATECH CONSULTING & SERVICES   **Bogotá, Colombia**
Frontend developer   *October 2024 - Now*

- Implementation of opportunities module's UI based on React, TailwindCSS, Shadcn/UI and Google Maps.
- In charge of deployment configuration with Docker and Vite SSR hosted on AWS.

TALLERES ESPERANZA FOUNDATION   **Bogotá, Colombia**
Teacher and web developer (Internship)   *July 2024 - November 2024*

- Office automation teacher for people with learning difficulties
- Development and deployment of snack web application based on Angular and FastAPI hosted on vercel.
- Recognition for commitment, responsibility and dedication during the internship

TECFICON   **Bogotá, Colombia**
Freelance developer   *December 2022 - March 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   **Bogotá, Colombia**
Student tutor   *July 2022 - November 2023*

- Instructor of Introduction to Programming and Data Structures subjects.

EDUCATION

PONTIFICIA UNIVERSIDAD JAVERIANA   **Bogotá, Colombia**
Systems Engineering   *July 2021 - Now*
Honors: Proof of academic excellence (2021-30, 2022-10, 2022-30, 2023-10, 2023-30, 2024-10)

LYCÉE FRANÇAIS LOUIS PASTEUR   **Bogotá, Colombia**
Colombian and French Bachelor Degree   *September 2007 - July 2021*
Honors: "Mention Bien" in the BAC

ACHIEVEMENTS

Amazon Web Services (AWS)   *December 2024*
AWS Academy Machine Learning Foundations

Amazon Web Services (AWS)   *November 2024*
AWS Academy Cloud Foundations

TALLERES ESPERANZA FOUNDATION   *November 2024*
Recognition for commitment, responsibility and dedication during the internship

DEVTALLES   *March 2024*
Docker - Guía práctica de uso para desarrolladores

SOLANA FOUNDATION   *February 2024*
Winner Hack Series Bogotá

REDIS   *December 2023*
RU 101

DEVTALLES   *November 2023*
Legacy - Node: De cero a experto

MICROSOFT   *November 2023*
GitHub Universe Cloud Skills Challenge

PYCON COLOMBIA   *June 2023*
PyCon attendance

RED HAT   *May 2023*
Red Hat System Administrator I (RH124)

AMAZON WEB SERVICES (AWS)   *April 2023*
AWS Certified Cloud Practitioner

ADDITIONAL SKILLS

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