

David Dominguez

📁 Employment History

CTO - Closer AI

Sept 2025 — Present

Built an AI sales agent with a multi-step agentic system using dynamic tool orchestration, long-term conversation memory, and reasoning loops. Designed a routing layer across 20+ LLM providers with intent classification, fallbacks, and adaptive model selection to balance costs, latency, and complexity. Integrated semantic search and payment systems as tools. Reduced inference costs 12x.

Technical Lead - MercadoLibre

May 2024 — Sept 2025

Lead the development of a project with 10 engineers, using technologies like Docker, Java, React, and TS. I configured proper monitoring that allowed us to be aware of the availability and performance of the systems. Helped the team navigate the complexities of scaling from our first user, to more than 800.000.

CTO - Agua

Aug 2022 — May 2024

Created a client-side-based IDE for a low-code platform I founded. Built the FE and BE, which included a graphics engine and compiler for transforming user interactions into code. This design allowed the product to scale to 1M+ users with virtually zero cost for the company.

Lead Developer - Mr. Pink

Dec 2021 — Aug 2022

I was able to convince the CTO of our biggest client to hire our agency for their marketing department's digital transformation. I led a team of 6 engineers and helped them achieve the milestones the company required, while taking care of the execution of the backlog.

Senior Developer - Mr. Pink

Aug 2021 — Dec 2021

Created web apps for our clients. After realising a lot of my code-related tasks were repetitive, I built a platform for doing automated project scaffolding using Kubernetes, doubling the team's dev speed.

Senior Web Developer - Credibanco

Dec 2020 — Aug 2021

I presented and developed the idea of creating a Python interpreter for C, allowing hundreds of collaborators to develop the company's POS devices faster -previously, only 10 developers could work on them. I lead the implementation and deployment of thousands of terminals.

Other dev jobs...

Oct 2018 — Dec 2020

🎓 Education

Software Engineering and Computer Science, Universidad de los Andes, Bogotá

Jan 2018 — Dec 2022

Details

Bogotá

Colombia

+57 301 318 9707

L.david.dominguez.12@gmail.com

Skills

AI (building SOTA agents)

NodeJS

ReactJS / React Native

HTML, CSS, JS, TypeScript

OracleDB, MySQL, MongoDB

Jest, Mocha

Python

Java

AWS / GCP

CI / CD (Jenkins)

QA, TDD, Testing

Docker, Kubernetes

Languages

Spanish - Native

English - TOEFL C1

Hobbies

Drawing and designing. I have a touch for fine arts, science and people.