



CRISTIAN ANDRÉS DONOSO SILVA

FULLSTACK AND MOBILE SOFTWARE DEVELOPER | MUSICIAN | NEURODIVERGENT (2E: TWICE-EXCEPTIONAL – AUTISM, ADHD & GIFTED)
📍 SANTIAGO, CHILE 📞 +56999437569

◦ DETAILS ◦

Santiago
Chile

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cristiandonososilva@gmail.com

Date / Place of birth

04/02/1984

Chile

Nationality

Chilean

◦ LINKS ◦

[Projects portfolio](#)

[github](#)

[Musical project](#)

[Instagram](#)

◦ SKILLS ◦

PHP

TypeScript

Node.js

Python (Programming Language)

Mobile Application Software

Angular

React

React Native

Next.js

NestJS

ExpressJS

Flask (Web Framework)

Microservices

Restful APIs

Amazon Web Services

Continuous Integration

Docker

SQL

NoSQL

Agile Methodology

Tailwind

Team Management



PROFILE

Dynamic Full-Stack Developer with over **11 years of experience** delivering innovative, high-performance **web and mobile applications**. Skilled in **JavaScript, TypeScript, and Python**, with hands-on expertise in building **scalable solutions** using **AWS and GCP**.

Recognized for **technical leadership, team mentorship**, and a strong ability to drive projects from concept to deployment. Proven success in developing modern front-end experiences with **Angular and React**, and architecting robust **API and microservices** integrations.

Thrives in **multicultural, fast-paced environments**, adapting quickly to shifting priorities. Passionate about leveraging technology to build impactful products and promote cross-functional collaboration.



EMPLOYMENT HISTORY

Sr Angular Front End Developer at Perficient, santiago

July 2022 — November 2024

As a **Senior Angular Developer**, I worked with international clients such as **XPO**, the **Government of Uruguay**, and **U.S.-based startups**. I developed and maintained applications using **Angular 13+** and **Angular 17+**, integrating **REST APIs** and **IoT solutions**. For internal projects, I implemented **OpenAI** integrations using **Angular 17+** and **FastAPI**. My responsibilities included building **reusable components, refactoring legacy code**, and improving **application performance**. I collaborated closely with **multicultural, English-speaking teams** in **fast-paced and technically demanding environments**.

Additionally, I was responsible for setting up and managing **development environments** using **Spring Boot** and **C# .NET**, and working with various **databases** such as **MySQL, Microsoft SQL Server, and MongoDB**.

Full Stack Developer, Technical Lead at Clever IT, santiago

April 2021 — July 2022

Led the development of web modules using **Angular 13+** and maintained **CI/CD pipelines** to support **continuous delivery**.

Designed and integrated RESTful and SOAP web services within a **microservices architecture** using **NestJS**, leveraging a **Backend for Frontend (BFF)** pattern to optimize client-specific data flows and performance.

The platform was built on **Google Cloud Platform (GCP)**, utilizing **Kubernetes** for **container orchestration** and **Microsoft SQL Server (MSSQL)** as the primary database.

Successfully **delivered a proof of concept (PoC)** that enabled the deployment of the web application as a **mobile app** using **Capacitor**.

Collaborated with **U.S.-based clients** and **cross-functional teams** to deliver **high-quality, maintainable, and efficient software solutions**.

Full Stack Developer at Practia, santiago

March 2020 — April 2021

Developed backend **microservices** using **Node.js** and **Express**, deployed in **Docker containers** within a **microservices architecture**.

Collaborated directly with the client, **Banco Falabella Perú**, to gather and define **requirements**, applying the **Backend for Frontend (BFF)** pattern to tailor **APIs** to **frontend** needs.

AWS

Flutter

Go Lang

◦ LANGUAGES ◦

English

Spanish

◦ HOBBIES ◦

Music, composing and arranging songs, digital illustration, video games, learning, Apple toys, wine, going to the movies, eating cheese, playing with my kids, and learning new technologies!

Monitored application performance and logs using Grafana, ensuring high availability and reliability.

Optimized backend services for scalability and performance, working in Agile/Scrum environments with cross-functional teams.

Front End Developer at Trebol IT, santiago

April 2019 — March 2020

Developed backend microservices using Node.js and Express, deploying them in Docker containers as part of a scalable microservices architecture.

Collaborated directly with the client, Banco Falabella Perú, to gather and define technical requirements, implementing the Backend for Frontend (BFF) pattern to deliver optimized and frontend-specific APIs.

Monitored system performance and application logs through Grafana, ensuring high availability, stability, and reliability in production environments.

Improved backend systems for scalability and performance, actively contributing in Agile/Scrum teams and working closely with cross-functional squads across multiple disciplines.

Full Stack Developer at Acepta, santiago

September 2015 — April 2019

Led the development of Notarisa.cl, from initial concept to product launch. Designed the database architecture, built RESTful APIs using Python, and developed the web platform with Angular. Coordinated integration efforts with an external team responsible for the mobile application. The platform later became an independent company.

Contributed to the ICAR project, developing backend services with PHP and PostgreSQL, with a strong focus on stored procedures and query optimization for high-performance data processing. Maintained a custom web scraping robot built with Bottle (Python), responsible for automatically downloading official documents associated with vehicles listed for sale. Participated in on-site deployment, visiting clients to install biometric devices such as fingerprint scanners and advanced electronic signature hardware.

Proposed and implemented platform improvements, including the integration of Node.js and WebSockets to enable real-time dashboards and event-driven components.

Provided maintenance and ensured operational continuity for the SENCE platform, developed with CakePHP and used for government-related digital services.

Led a development team in database design and API creation, launching long-lasting products. Managed microservices with Node.js and NestJS on GCP, using Nginx as an API Gateway to coordinate communication between microservices. Actively participated in client meetings to define technical requirements and align on project goals.

Handled the setup and administration of Linux EC2 instances on AWS, configuring development and production environments using SSH and FTP. Managed MySQL and PostgreSQL databases and deployed web servers using Apache and Nginx.

Front End Developer at NetQuest, santiago

May 2015 — September 2015

Developed web surveys and applications, optimizing for cross-platform performance and accessibility.

Proposed and implemented dynamic plugins to enhance the user experience in survey interactions.

Integrated styling libraries such as Bootstrap and custom CSS to improve UI consistency and usability.

The development was based on vanilla JavaScript, which required a strong emphasis on clean code, best practices, and modular architecture to ensure the solution was reusable, scalable, and easy to maintain.

Shared knowledge and mentored junior developers, promoting collaboration and technical growth within the team.

Full Stack & Mobile Developer at Chorrillana Studio, Santiago

February 2014 — May 2015

Managed multiple projects and adapted quickly to various **frameworks** and **technological contexts**.

Conducted research and evaluation of the most appropriate technologies for new projects to ensure scalability, maintainability, and performance.

Built hybrid mobile applications using **PhoneGap**, starting completely from scratch due to the absence of UI templates.

Programmed **custom navigation, animations, and transitions** based on the designs provided by the UI/UX team, ensuring that mobile apps were as **efficient and lightweight as possible** to closely emulate **native behavior**.

Worked with a wide range of technologies including **PHP, Java, JavaScript, C#, Symfony**, and internal tools to deliver everything from **landing pages** to **fully featured SaaS platforms**, using **monolithic architectures** and the **MVC design pattern**.

Developed cross-platform mobile applications using **PhoneGap** and **Ionic**, integrating **backend services in PHP**.

Published mobile applications on both the **App Store** and **Google Play**, managing the **build, code signing, upload, and review process** for each platform.

Managed and maintained **Linux EC2 instances on AWS**, setting up **development and production environments** using **SSH** and **FTP protocols**.

Configured and administered **MySQL** and **PostgreSQL** databases, and deployed **Apache** and **Nginx** web servers as part of full-stack deployments.

Front End Developer at JMSoftware S.A, santiago

May 2013 — February 2014

Developed front-end modules with **AngularJS** and **Java Spring**, enhancing performance and integrating APIs.

Otapp - Tech Lead - Full Stack and Mobile Developer (in progress) at Freelance, Santiago

2017 — Present

As an external consultant, I am responsible for **requirements gathering, solution design**, and **management of server architecture on AWS, MySQL database configuration**, **backend development with Node.js and Express**, **frontend development with Angular and React**, **mobile development with Ionic and React Native**, and **leading development teams**.

I oversee the **continuous monitoring** of platform performance and actively **propose and implement improvements** to support the ongoing evolution of the business. I am also responsible for **collaborating with stakeholders** to evaluate and recommend the best technical solutions aligned with business goals and market dynamics.

For UI development, I use component libraries and styling frameworks such as **Angular Material** and **Tailwind CSS** to deliver clean, responsive, and accessible interfaces across web and mobile platforms.

Experienced in **AWS infrastructure administration** using services such as **EC2, S3, SES, Route 53, CloudFront, and RDS**.

Responsible for **maintaining and publishing mobile applications** on the **App Store** and **Google Play**, managing the entire **build, signing, upload, and review process** for both platforms.

This project has also been **awarded funding from CORFO**, the Chilean government agency for innovation, and is currently **scaling and undergoing validation** as part of its funding process.

LineGps - Fullstack and Mobile Developer at Freelance, santiago

February 2023 — Present

As an external consultant, I am responsible for managing **AWS EC2 instances** and maintaining the services used for **file uploads** consumed by the mobile application. I am also in charge of **maintaining and updating the iOS version** of the app.

Additionally, I serve as the **technical architect** for services built in **Node.js** and **PHP**,

running on **AWS-based infrastructure**, where I lead the design and evolution of backend solutions.

I provide **ongoing support** and ensure the **stability and continuity** of the AWS server architecture.

I advise the development team whenever they face **challenges beyond their area of expertise**, and I am responsible for **resolving production issues** quickly and effectively to minimize downtime and ensure platform availability.

I actively **propose improvements** and **implement solutions** to optimize performance and support business growth in line with evolving technical requirements.

Abaneros - Fullstack and Mobile Developer at Freelance, santiago

2023 — Present

As an external consultant, I am responsible for **managing AWS EC2 instances** and maintaining the services used for **file uploads** consumed by the mobile application. I am also in charge of **maintaining and updating the iOS version** of the app.

The platform relies on **AWS services** such as **EC2** and **S3**, and I developed a custom **PHP API** to handle document uploads, which I continue to **support and maintain** as part of the core system infrastructure.

I also provide **consulting, analysis, and development services** to assist with **critical production issues** that cannot be resolved by the internal team, ensuring the **continuity and stability** of the platform in high-impact scenarios.

MemeApp - Fullstack Developer at Freelance, santiago

2023 — 2023

Developed full-stack web applications using **Slim PHP** (for the API) and **Angular 13 / React** (for the frontend), deployed on **AWS infrastructure** including **EC2**, **S3**, and **CloudFront**.

As a consultant for the **Universidad de Ciencias de la Educación** in Chile, I was responsible for designing and developing a **pedagogical tool from scratch** that allows users to create memes based on the university's **Pinacoteca of Chilean graphic artworks**.

This required gathering requirements from a **non-technical team** and translating their needs into a functional, user-friendly solution.

The platform was developed using **Angular**, **React**, and **Canvas API**, with a **Slim PHP** REST API backend. It was deployed on **AWS services** (EC2, S3, CloudFront) and included a **cPanel layer** to simplify platform administration.

Additionally, I have continued to support and contribute to the **evolution of the application**, proposing and implementing enhancements and new modules as the tool has grown and user needs have changed.

Handly - Fullstack and Mobile Developer (in progress) at Freelance, santiago

June 2024 — Present

As a **Full-Stack and Mobile Developer**, I worked with the Chilean startup **Handly**, gathering business requirements to help shape their upcoming **SaaS and mobile platform**, soon to be launched in the Chilean market.

I designed a scalable and modern **server architecture** based on **AWS**, leveraging services such as **EC2**, **S3**, **CloudFront**, and **RDS with MySQL**, as well as **MongoDB** for flexible data handling.

The platform was built using **React**, **React Native**, **Node.js**, and **NestJS** on the backend, along with **Tailwind CSS** for consistent, responsive UI design. The solution was planned and implemented to support the future evolution of the business in terms of performance, scalability, and maintainability.

Tickets- Fullstack Developer at Freelance, Santiago

December 2024 — December 2024

As a contribution to a charitable cause, I designed and developed a **ticket sales and validation system** for a benefit event. The platform allowed users to generate tickets with **QR codes**, which could be validated through a **web application** using a smartphone camera.

The solution was built using **React**, **Tailwind CSS**, and **SlimPHP**, deployed on a **shared hosting environment with cPanel** and a **MySQL** database.

This project was developed **entirely on a pro bono basis**, with no charges for my services, as a personal commitment to support the event and its mission.

Although the application was designed specifically for a one-time event and decommissioned after a few months, it significantly **optimized and simplified the ticket sales and validation process**, contributing to the success of the initiative.

4Roomis - Fullstack and Mobile Developer at Freelance, santiago

2022 — 2024

As a **Full-Stack and Mobile Developer**, I was responsible for designing and modeling the technical solution for the Chilean startup **4Roomis**, evaluating and proposing the best technological approach to meet business goals within a limited budget. The project was developed with funding from **CORFO**, a public innovation fund provided by the Government of Chile to support new businesses.

For the MVP, the platform was developed as a **web application** using **Angular**, **SlimPHP**, and **MySQL**, deployed on a **shared hosting environment** to reduce initial infrastructure costs.

In the second phase, a **mobile application** was developed using **React Native** (for both **iOS** and **Android**), alongside improvements to the UI using **Tailwind CSS** and enhancements to the **REST API** to support **payment integration with Flow.cl**, a local payment provider.

I also handled the **submission and publishing process** for both mobile applications on the **App Store** and **Google Play**, as well as **administered testing efforts** to ensure quality and stability.

PainPal - Fullstack (in progress) at Freelance, santiago

October 2024 — Present

As a **Full-Stack Developer**, I was responsible for gathering requirements and proposing the most suitable technologies for the MVP of this Chilean startup, ensuring that the solution could be built within the available budget. This project is also funded by **CORFO**, a government program that supports early-stage businesses in Chile.

To optimize costs, the initial implementation was developed using **React** for the frontend, **SlimPHP** for the backend REST API, and deployed on a **shared hosting environment** with **cPanel** and **phpMyAdmin**.

The **REST API** was designed to be **scalable** and easily extendable for future integration with a **mobile application**.

For the UI, the project uses **Tailwind CSS** to deliver a clean and responsive user interface.

The project is currently **ongoing** and in the **validation phase with CORFO**.

Red Dragon App - Mobile Developer at Freelance, brazil

2019 — 2019

As an **Android mobile developer**, I built a **custom mobile application** using **Kotlin** to integrate with portable **laser printers** for **lottery ticket generation and printing**. The solution required integrating native **printer drivers** and consuming an external **REST API** developed by a third-party team to fetch ticket data dynamically.

I was also responsible for managing the **publishing process** of the application on the **Google Play Store**, ensuring it met all distribution and compliance requirements.

EDUCATION

Bachelor's Degree in Computer Engineering, Universidad Tecnológica de Chile, santiago

2011 — December 2015

Graduated as second of the generation

Diploma, Universidad San Sebastián, santiago

Program to obtain the ability to integrate information technology in the classroom.

Bachelor's Degree in Education, Universidad Tecnológica de Chile, santiago

March 2004 — December 2007

Graduated as first of the generation

Master GraphQL by creating a CRUD application with React and MongoDB (Udemý), Udemý, Santiago de Cuba

October 2024 — October 2024

Master GraphQL by creating a CRUD application with React and MongoDB (Udemý), octubre de 2024

TypeScript, Middlewares, Firebase, Immer, Persistence, Slices Pattern, JWTs, Authentication, Interceptors and more, Udemý, santiago

July 2024 — July 2024

TypeScript, Middlewares, Firebase, Immer, Persistence, Slices Pattern, JWTs, Authentication, Interceptors and more (Udemý), julio de 2024

SSR, SSG, CSR, ISR, Middlewares, Dynamic Routing, Next API, Next Auth, Material UI, Deployments, Cookies and more, Udemý, santiago

July 2024 — July 2024

SSR, SSG, CSR, ISR, Middlewares, Dynamic Routing, Next API, Next Auth, Material UI, Deployments, Cookies and more. (Udemý), julio de 2024

Build incredibly scalable apps with a microfrontend architecture, Udemý, santiago

July 2024 — July 2024

Build incredibly scalable apps with a microfrontend architecture (Udemý), julio de 2024

NATS, Webhooks, CI/CD, Git submodules, Gateways, Docker, Kubernetes, GCloud, PosstgreSQL, Mongo, SQLite, Udemý, santiago

June 2024 — June 2024

NATS, Webhooks, CI/CD, Git submodules, Gateways, Docker, Kubernetes, GCloud, PosstgreSQL, Mongo, SQLite (Udemý), junio de 2024

Learn how Observables work and behave in an easy to understand step-by-step way, Udemý, santiago

May 2024 — May 2024

Learn how Observables work and behave in an easy to understand step-by-step way! (Udemý), mayo de 2024

Getting Started With Docker: Key Concepts for Beginners, Udemý, santiago

May 2021 — May 2021

Getting Started With Docker: Key Concepts for Beginners (Udemý), mayo de 2021

Design Patterns in Javascript and Node.JS, Udemý, santiago

April 2021 — April 2021

Design Patterns in Javascript and Node.JS (Udemý), abril de 2021

Learn the basics of Angular 8 from scratch and step by step with Victor Robles. Installation, components and more (Udemý), mayo de 2020, Udemý, santiago

May 2020 — May 2020

Learn the basics of Angular 8 from scratch and step by step with Victor Robles. Installation, components and more (Udemý), mayo de 2020

Learn to write unit tests with Mocha Chai and Sinon as well as learning how to TDD the right way (Udemý), mayo de 2020, Udemý, santiago

May 2020 — May 2020

Learn to write unit tests with Mocha Chai and Sinon as well as learning how to TDD the right way (Udemý), mayo de 2020

Become a Docker DevOps Master by learning from scratch the technology that is changing the world with containers!, Udemý, santiago

May 2020 — May 2020

Become a Docker DevOps Master by learning from scratch the technology that is changing the world with containers! (Udemý), mayo de 2020

Learn how to use Docker by setting up a real development environment. Any language, framework and technology will do!, Udemey, santiago

March 2020 — March 2020

Learn how to use Docker by setting up a real development environment. Any language, framework and technology will do! (Udemey), marzo de 2020

React native, react hooks, react-navigation versión 4, autenticación, serverless, redux y mejora tu calidad de vida, Udemey, santiago

September 2019 — September 2019

React native, react hooks, react-navigation versión 4, autenticación, serverless, redux y mejora tu calidad de vida (Udemey), septiembre de 2019

A quick start to building your REST API with Spring Boot and Spring MVC, Udemey, santiago

May 2019 — May 2019

A quick start to building your REST API with Spring Boot and Spring MVC (Udemey), mayo de 2019

Nativescript + Angular, Udemey, santiago

May 2019 — May 2019

Nativescript + Angular (Udemey), mayo de 2019

Use JavaScript + NativeScript to build truly native iOS and Android apps by learning NativeScript from scratch (Udemey), mayo de 2019, Udemey, santiago

May 2019 — May 2019

Use JavaScript + NativeScript to build truly native iOS and Android apps by learning NativeScript from scratch (Udemey), mayo de 2019

An introduction and overview of MongoDB as a NoSQL database solution, Udemey, santiago

March 2019 — March 2019

An introduction and overview of MongoDB as a NoSQL database solution. (Udemey), marzo de 2019

Everything you need to know about angular using TypeScript and best practices offered by the angular team. (Udemey), septiembre de 2017, Udemey, santiago

September 2017 — September 2017

Everything you need to know about angular using TypeScript and best practices offered by the angular team. (Udemey), septiembre de 2017

Angular 4: Become a Full Stack Web Developer, Udemey, santiago

September 2017 — September 2017

Angular 4: Become a Full Stack Web Developer (Udemey), septiembre de 2017

Go - The Complete Guide, Udemey, santiago

March 2025 — March 2025

Learn Go ("Golang") from the ground up & in great depth by building multiple demo projects, incl. a REST API

Course: Flutter – Mobile Development: From Zero to Expert, Udemey, santiago

March 2025 — March 2025

Riverpod, BLoC, push y local notifications, DDD, cámara, videos, JWT, go_router, material 3, App Stores y más

Serverless in Spanish with AWS and Serverless., Udemey, santiago

March 2025 — March 2025

Course: Serverless Application Development on AWS

REFERENCES

- **Gustavo Gonzalez from Perficient**
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- **Eliecer Arteaga from SURA**
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