

Cristian Muñoz Arjel

Full-Stack Developer · React · TypeScript · Node.js
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PROFESSIONAL PROFILE

Full-stack developer focused on React, TypeScript, and Node.js. Technical co-founder of Casa de la Luna since 2022, a healthcare platform with more than 500 monthly active users, integrated online payments, and a booking system for 15+ practitioners. I bring close to 10 years of technical experience across this role, my current freelance work, and my earlier stint as Front-End + UX/UI at Indicestudio (2016–2018). In parallel, I stay active in teaching, where I've built skills key to remote work: clear communication, data analysis, and coordination with multiple stakeholders. I'm looking to join a remote team where I can contribute production-grade product, technical autonomy, and effective communication.

TECHNICAL STACK

- **Frontend:** React, TypeScript, Tailwind CSS, Astro, TanStack Query, Zustand, Three.js
- **Backend:** Node.js, Hono, Express
- **Databases:** MySQL, Turso
- **DevOps & Testing:** Docker, CI/CD (GitHub Actions), Serverless, Vitest
- **Integrations:** Khipu, Transbank, Resend, PostHog, MCP
- **Tools:** Git, GitHub, Netlify, Fly.io

FEATURED PROJECTS

Casa de la Luna

casadelaluna.cl · 2022 – Present

- Web platform for a health center with more than 200 services and an online appointment-booking system. Currently migrating from WordPress to a modern in-house stack.
- End-to-end owner: architecture, development, deployment, and maintenance as the sole developer.
- More than 500 monthly active users and scheduling for 15+ healthcare practitioners.
- Frontend with Astro + React islands + TanStack Query + Tailwind CSS.
- Serverless backend with Hono, MySQL database on Turso, testing with Vitest.
- Online payment integration with Khipu and Transbank, notifications via Resend.
- Deployment with Docker and CI/CD workflows on Netlify (frontend) and Fly.io (backend).

Pichiche Project

June 2026

- Playable "Guitar Hero"-style web app integrated live into puppet music shows.
- Built with React + Three.js for the interactive graphics engine.
- More than 300 total users and ~15 players per show, with product analytics via PostHog.

arjelweb.com Portfolio

arjelweb.com · July 2026

- Personal portfolio with an interface that emulates an operating system.
- Built with Astro and React components, with global state managed via Zustand.

Khipu MCP (Open Source)

github.com/camunoz2 · Public contribution

- MCP (Model Context Protocol) server over Khipu's documentation, published on GitHub.

PROFESSIONAL EXPERIENCE

Technical Co-Founder — Casa de la Luna

April 2022 – Present

- Co-founded the project and have operated as the sole developer since its 2022 launch.
- First version on WordPress with Bricks Builder + custom PHP snippets; currently leading the migration to an in-house stack (Astro + React + Hono + MySQL).
- End-to-end owner: architecture, payment integrations, notifications, deployment, and maintenance.
- Product in production with 500+ monthly active users, 15+ practitioners, and 200+ services.

Freelance Web Developer — Independent

2023 – Present

- Development of custom web projects for clients with specific requirements.
- Extensive use of GSAP and Three.js for interfaces with animation and 3D components.
- Direct management of the client relationship: requirements gathering, scope, and delivery.

Front-End Developer · UX/UI Designer — Indicestudio

2016 – 2018

- Co-founder of a small web-development and multimedia company.
- Custom web development, UX/UI design, graphic design, and digital marketing campaigns.
- Multiple B2B clients in construction, healthcare, and marketing, with direct relationships and full project cycles.

Academic & Technology Coordinator — Liceo Nibaldo Sepúlveda, Portezuelo

2021 – 2025

- Administrator of the Lirmi platform from rollout: configuration, reporting, and monitoring.
- Management and analysis of learning data for evidence-based decision-making.
- Led the implementation of institutional educational-improvement projects.
- Coordination with multiple stakeholders (owner, leadership, teachers) to meet objectives.

Biology, Chemistry & Natural Sciences Teacher — Liceo Nibaldo Sepúlveda

2012 – 2019 · 2026 – Present

- Biology, chemistry, and natural-sciences classes in secondary education; Genome and Evolution electives.
- Implementation of methodologies using technology, audiovisual materials, and learning stations.

EDUCATION

JavaScript Full-Stack Developer — Desafío Latam

March 2025

- Intensive full-stack web development bootcamp with JavaScript, Node.js, React, and relational databases.

M.A. in Pedagogical-Curricular Management and Educational Projects — Universidad Andrés Bello

2025 – In progress

- Advanced training in curricular leadership, project design, and institutional pedagogical management.

Biology & Natural Sciences Teacher — Pontificia Universidad Católica de Chile

2010

- Professional degree earned after a Bachelor's in Biological Sciences (2004 – 2009).
- Research, publication in a specialized journal, and presentation at the 23rd Congress of the Latin American Association of Physiological Sciences.

LANGUAGES

- **Spanish:** Native.
- **English:** Conversational · fluent technical reading.