

IAN CATALÁN LEIVA

Frontend Developer

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PROFESSIONAL SUMMARY

Frontend Developer with 3+ years of hands-on experience building production-grade web applications using Next.js (App Router), React, and TypeScript. Applying a security-first mindset, with training in ethical hacking and consistent use of secure coding practices, including input sanitization, XSS prevention, and safe authentication flows. Comfortable working on AI-assisted development workflows and using tools like Claude and Copilot to generate, review and refine code into production-quality output. Experienced in clearly communicating decisions within cross-functional teams.

WORK EXPERIENCE

JavaScript Full-stack Trainee Instructor | Sustantiva (OTEC — Talento Digital / SENCE) | 2025 – Present

- Guide and mentor trainees through HTML, CSS, Bootstrap, JavaScript, jQuery, and PostgreSQL curricula.
- Review and explain trainee code, ensuring understanding of each change made and its effect — the same critical skill required in AI-assisted development workflows.
- Deliver technical content clearly in written and verbal formats to mixed-experience groups.

Frontend Developer | Outmind (Web Agency) | 2024 – Present

- Built and shipped production websites and internal tools for SME clients, managing full project lifecycle from requirements to deployment.
- Stack: Next.js (App Router), React, TypeScript, Tailwind CSS, CSS Modules, Supabase, Vercel.
- Live client projects: hvchile.cl, sportcenter.cl, outmind.cl.
- Currently developing a personal project: a web platform combining real-time videoconferencing, immersive 3D scene visualization using Gaussian Splatting, and a custom cloud-based ML training pipeline.

Teaching Assistant | Pontificia Universidad Católica de Valparaíso (PUCV) | 2023

- Assisted in the course Kinetics, Bioenergetics, and Transport, requiring strong analytical reasoning and effective written and oral communication skills.

Miscellaneous Roles | Various | 2018 – 2023

- Worked in data entry, IT support, call centers, and as a freelance tutor, developing communication, technical support, and teaching skills.

TECHNICAL SKILLS

Frontend

Next.js (App Router), React, TypeScript, HTML5, CSS3, CSS Modules, Tailwind CSS

Auth & Backend

Supabase, Firebase Auth, JWT (server-side sessions), Google SSO, Microsoft SSO, REST APIs, Node.js, Express, Next.js API Routes

APIs & Integrations	OpenAPI clients (type-safe, Zod validation), Meta Graph API (Instagram & Facebook), Spotify API
Security	Ethical hacking (certified), XSS prevention, input sanitization, secure auth flows
Tooling	Git, Vercel, Docker, pnpm, Linux
AI-assisted dev	Claude, GitHub Copilot — generation, review, and integration of AI-produced code
Languages	Spanish (native), English (C1 — fluent written and spoken)

EDUCATION

Bachelor's Degree in Biochemistry | Pontificia Universidad Católica de Valparaíso (PUCV) | 2019 – 2023

Cross-disciplinary scientific degree. Strong foundation in analytical thinking, data interpretation, and structured problem-solving.

Full Stack JavaScript Development — Certified | Talento Digital / SENCE | 2024

Covered HTML, CSS, JavaScript, Node.js, and PostgreSQL. Reinforced full-stack fundamentals.

Ethical Hacking in Web Applications — Certified | Talento Digital / SENCE | 2024

Certified course covering offensive security fundamentals, vulnerability assessment, and secure development practices. Applied learnings include XSS prevention, input sanitization, and secure authentication flow design in production projects.

PROJECTS

Videoconferencing Platform with Gaussian Splatting

Personal project in active development. Web platform combining real-time videoconferencing with immersive 3D scene visualization using Gaussian Splatting. Includes a custom cloud-based ML training pipeline and full frontend integration.

Client Websites — Outmind

Three live production sites built for clients: hvchile.cl — sportcenter.cl — outmind.cl. Additional private internal tools delivered for SMEs. Full stack: Next.js, React, TypeScript, Supabase, Vercel.