DUSSAN FREIRE

Front-End Developer · AI Developer

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PROFESSIONAL SUMMARY

Front-End Developer with 5+ years of experience building fast, accessible, production-grade web applications with React, Next.js, and TypeScript. Holder of a Master's in Computer Science and a Bachelor's in Systems Engineering, author of two peer-reviewed papers (IEEE VISSOFT 2023, IEEE/ACM ICPC 2026), with a competitive programming background (ICPC). Founder of Mioo, a pet adoption app live on the App Store and Google Play. Experienced in translating complex Figma designs into high-quality interfaces, optimizing performance, and integrating AI tools (Claude Code, Cursor) into professional workflows, backed by six Anthropic certifications. Fluent in English (C1) and Spanish (native).

PROFESSIONAL EXPERIENCE

Software Developer Mar 2025 – Present

ForTech · ERP product (TypeScript, C#, .NET, Figma)

- Contributed to the launch of a major ERP product update used in 15 countries by 2,800 companies and 8,000+ users.
- Owned development modules during the release phase and shipped them to production.
- Coordinated with QA, infrastructure, and support teams to roll out changes without disrupting existing production customers.
- Delivered post-launch improvements driven by real usage feedback.
- Integrated Claude (Anthropic) into the daily development workflow to accelerate feature delivery, debugging, and code reviews.

Software Developer (Front-End) Jan 2021 – Mar 2025

MAD Cloud Solutions · React, Next.js, TypeScript, SAP Fiori, Figma

- Developed and maintained React applications, optimizing performance and reducing load times to improve UX.
- Worked closely with UX designers to implement complex, pixel-accurate interfaces from Figma.
- Implemented routing, guards, and error boundaries to enhance application stability and security.
- Improved performance and reduced reflow-related issues in dynamic forms.

Researcher (AR/VR) Sep 2022 – Dec 2023

Universidad Católica Boliviana · HoloLens 2, Unity 3D, C#, NestJS, Python

- First author of a peer-reviewed IEEE publication (VISSOFT 2023): DGT-AR, a tool for visualizing code dependencies in augmented reality.
- Designed and built the HoloLens 2 prototype (Unity 3D + Mixed Reality Toolkit), a VS Code extension, and a NestJS API bridge.
- Ran a pilot usability study with 5 participants on two open-source projects; artifact publicly available on GitHub.

Software Developer Jan 2022 – Oct 2022

AssureSoft · Angular, NestJS, Flutter, Magento, Docker

- Worked on production web and e-commerce projects within an 8-person Scrum team (sprint planning, dailies, retrospectives).
- Built front-end features with Angular and JavaScript, and mobile features with Flutter; extended the store using Magento and PHP.
- Developed my final degree project on an e-commerce platform deployed to production in Bolivia (Angular, Flutter, NestJS, Magento).

PERSONAL PROJECTS

Mioo — Pet Adoption App (Founder & Full-Stack Developer) Apr 2026 – Present

miooapp.com · React Native, Expo, Go, PostgreSQL, Next.js, Claude

- Founded and shipped a dog and cat adoption app for Bolivia that connects adopters with shelters and families — live on the App Store and Google Play.
- Designed and built it end to end: React Native/Expo mobile app, Go + PostgreSQL backend, and a Next.js landing page.
- Implemented pet listings, lost & found reports on a map, adoption coordination, and secure authentication (encrypted data, bcrypt).
- Used Claude (Anthropic) as an AI development partner across the full stack to speed up design, implementation, and iteration.

TECHNICAL SKILLS

Front-End: React, Next.js, TypeScript, JavaScript, HTML, CSS, Redux, React Query, Tailwind CSS, shadcn/ui, Angular

Back-End: Node.js, NestJS, Go, .NET / C#, PostgreSQL, Python, Supabase

Mobile: React Native, Expo, Flutter

AI Development: Claude Code, Claude API, Agent Skills, Cursor, prompt engineering, AI-assisted coding in professional workflows

Tools & Practices: Figma, Git/GitHub, Bitbucket, Docker, Scrum/Agile, SAP Fiori, SAP Analytics Cloud, Unity 3D, HoloLens 2

Languages: Spanish (Native), English (C1 – Advanced)

EDUCATION

Master's Degree in Computer Science 2024

Bolivian Catholic University San Pablo · GPA: 98.22/100

Bachelor's Degree in Systems Engineering 2022

Bolivian Catholic University San Pablo · GPA: 92.33/100 · Graduated with Academic Excellence

CERTIFICATIONS

- **Anthropic (2026):** AI Fluency Framework & Foundations · Claude Code in Action · Claude Platform 101 · Claude Code 101 · Claude 101 · Introduction to Agent Skills
- **SAP (2023):** SAP Certified Application Associate - SAP Analytics Cloud
- **Udemy:** Clean Code (2026) · Go - The Complete Guide (2026) · Build Responsive Real-World Websites with HTML and CSS (2025) · The Ultimate React Course 2024: React, Next.js, Redux & More (2024) · Understanding TypeScript (2021) · The Complete JavaScript Course 2021: From Zero to Expert! (2021)
- **Platzi:** Prompt Engineering Course (2026) · Cursor AI Code Editor Course (2026) · Git and GitHub Course (2025)

Linked names open the verifiable credential. Full list at dussanfreire.com.

PUBLICATIONS & ACHIEVEMENTS

- Peer-reviewed paper, co-author — IEEE/ACM ICPC 2026 (International Conference on Program Comprehension), Rio de Janeiro — doi.org/10.1145/3794763.3798170.
- Peer-reviewed paper, first author — IEEE VISSOFT 2023: "DGT-AR: Visualizing Code Dependencies in Augmented Reality" — ieeexplore.ieee.org/document/10350119.
- Team Coach — 39th place at the 2023 ICPC South America/South Finals (Oct 2023).
- 1st place — XX Programming Contest ACM-ICPC Qualifier (2019).
- Excellence Scholarship — Top Student in Systems Engineering (I-2022).