

CLAUDIO GODOY

Senior Design & UI Engineer

São Paulo, Brazil

[LinkedIn profile link →](#)

[Portfolio link →](#)

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With 20 years of experience bridging the gap between pixel-perfect design and scalable software architecture across the finance, retail, and media sectors. Specialized in React, Next.js, and enterprise design systems, elevating user journeys through advanced motion design (GSAP) and interactive data visualizations (D3.js). Backed by a strong full-stack foundation (Node.js, Python, Cloud), I seamlessly integrate complex APIs into highly accessible (a11y), high-performance digital experiences.

EDUCATION

Australian Pacific College , Diploma in UX Design @ Sydney/Australia	2013 - 2015
Universidade do ABC , Bachelor's Degree in Computer Science @ Santo Andre/Brazil	2008 - 2012
Universidade Paulista , Diploma in Web Design @ Santo Andre/Brazil	2004 - 2006

WORK EXPERIENCE

Senior Frontend Developer - React | Next.js | Typescript **Apr 2024 – Present**
Dog and Pony Studios - Toronto, ON (Remote)

Marketing agency specialized in delivering digital solutions for leading financial institutions including S&P, Bloomberg, BMO, and CIBC.

- **Design Systems & UX Collaboration:** Partnered deeply with the design team to architect and scale a custom, reusable React component library. Ensured pixel-perfect UI consistency and drastically accelerated product delivery across multiple enterprise financial projects by integrating AI-driven development tools.
- **Motion Design & Interactive UI:** Engineered highly polished, dynamic user experiences by creating and integrating complex GSAP animations. Developed advanced, interactive data visualizations utilizing D3.js to elevate data presentation and significantly boost user engagement.
- **Frontend Architecture & State Management:** Led the end-to-end frontend development of a fully responsive document management platform for a major stock exchange client. Leveraged Next.js, React Hook Form, and Zustand for highly scalable state management and seamless, secure authentication workflows.
- **Accessibility (a11y) & Performance:** Championed strict adherence to WCAG accessibility standards, rigorous UI testing, and responsive design best practices. Collaborated cross-functionally with designers and product managers to guarantee the timely delivery of high-performance, highly reliable digital solutions.

Senior UI Engineer - React | TypeScript | Redux

August 2022 – April 2024

Domino's - Michigan, USA (Remote)

Leading global pizza delivery company specializing in providing quick and convenient meal solutions.

- **UI Architecture & Micro-frontends:** Led the frontend modernization from legacy on-prem to a cloud-based platform, expanding a shared component library to drive UI consistency across a vast micro-frontend architecture.
- **Real-Time UI & State Management:** Built a React-based assembly line interface utilizing RxJS for event-driven, real-time visual SLA indicators. Managed complex application state across operational dashboards using Redux and TypeScript.
- **Design Systems & Implementation:** Translated complex designs into scalable, pixel-perfect, and accessible UI components, streamlining the handoff process between design and development teams.
- **Quality & Mentorship:** Maintained >90% UI component test coverage (Jest/RTL) and elevated team standards by mentoring developers on React best practices and UI performance optimization.

Senior Web Developer - Angular | Typescript | Python

January 2020 – August 2022

Banco Itaú - São Paulo, Brazil (Remote)

Largest private bank in Latin America, offering a wide range of financial services and digital banking solutions to individuals and businesses.

- **UI Architecture & Design Systems:** Engineered responsive, accessible (a11y) Angular/TypeScript applications for critical credit and FGTS operations. Architected scalable, reusable UI components strictly aligned with the bank's enterprise design system to accelerate cross-squad development.
- **Backend Microservices & Cloud Migration:** Led the modernization of legacy Java systems to Python (Flask) microservices on AWS, reducing latency by 35% and simplifying deployments (Docker, GitLab CI/CD). Integrated complex internal APIs and external government systems via REST and Kafka.
- **UX Collaboration & Product Delivery:** Partnered closely with UX designers and product managers to bridge the gap between business requirements and technical execution, delivering intuitive, high-performance features used daily by thousands of bank employees.
- **Quality Assurance & Mentorship:** Ensured robust full-stack reliability by implementing comprehensive testing pipelines (Pytest, Jasmine/Karma). Drove architectural discussions, advocated for clean code practices, and mentored junior engineers on both modern Angular UI patterns and scalable Python development.

Senior Software Engineer - React | Typescript | Node

November 2018 – January 2020

Luizalabs - São Paulo, Brazil (On-site)

Leading Brazilian retail company specializing in consumer goods through physical stores, e-commerce, and a multichannel platform.

- **UI Architecture & UX Collaboration:** Engineered responsive, component-driven interfaces for both the core high-traffic e-commerce platform (GCP) and complex asset management tools using React

and TypeScript. Partnered closely with the UX design team to validate technical feasibility and translate design intent into intuitive user experiences.

- **UI Performance & State Management:** Optimized front-end architecture for maximum performance, scalability, and cross-device responsiveness. Managed complex application state via Context API and drove critical codebase upgrades to ensure a seamless, frictionless user journey.
- **Full-Stack API Integration:** Built and scaled robust Node.js and MongoDB backend services, delivering efficient REST APIs that seamlessly powered dynamic front-end web interfaces and mobile client experiences.
- **Quality Assurance & Engineering Standards:** Ensured high UI reliability and component stability by driving unit testing coverage with React Testing Library. Elevated overall team output through rigorous code reviews, enforcing best practices across the React, TypeScript, and Node.js stack.

Product Engineer (UX/UI & Full Stack) - React | PHP

August 2013 – November 2018

Unitransact Pty Ltd - Sydney, Australia (On-site then remote)

Australian fintech startup providing online currency conversion.

- **UX/UI Design & Frontend Modernization:** Spearheaded the end-to-end UI design and frontend migration for a core fintech currency exchange platform. Transitioned the legacy interface to a responsive, component-driven React architecture, drastically improving user experience and application scalability.
- **Full-Stack Development & Backend Services:** Engineered complex financial features and robust backend APIs from scratch using PHP and MySQL. Managed the critical infrastructure migration from Digital Ocean to AWS, architecting secure and scalable data handling for real-time currency conversion flows.
- **UX Optimization & Legacy Refactoring:** Acted as a hybrid designer and developer in a lean startup environment, conducting extensive user troubleshooting to resolve critical UI bottlenecks and legacy system bugs. Optimized the full-stack codebase to ensure lightning-fast load times, cross-browser compatibility, and high system reliability.
- **Web Presence & Cross-Functional Delivery:** Managed the visual design, usability, and technical SEO of the company's primary WordPress website to drive user acquisition. Seamlessly bridged design intent with technical execution across the entire stack to ensure end-to-end feature delivery.

Web Designer - Flash | Wordpress | PHP

September 2005 – March 2013

Grupo Jovem Pan - São Paulo, Brazil (On-site)

Leading broadcaster in Brazil, including both AM and FM frequencies.

- **UI Design & Frontend Execution:** Progressed from Web Design Intern to Mid-Level Designer, engineering interactive, responsive web interfaces, promotional landing pages, and event sites using HTML, CSS, and JavaScript for a major national broadcasting audience.
- **Platform Redesign & Architecture:** Led the end-to-end frontend design and development to rebuild the flagship AM station website from the ground up. Architected a dynamic, high-traffic news platform, bridging frontend UI with custom PHP logic and on-premises MySQL database integrations.

- CMS Development & Performance Optimization: Built and maintained robust, custom WordPress implementations for company blogs and events. Drove continuous UX improvements by troubleshooting cross-stack issues, optimizing frontend code for lightning-fast load times, and ensuring strict cross-browser compatibility.

CORE SKILLS

Design Engineering & Systems

Design Systems, Storybook, Figma, UX/UI Principles, High-Fidelity Implementation, GSAP, Framer Motion, D3.js, Chart.js, CSS Animations.

Core Frontend Architecture

React, Next.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, SASS, Bootstrap, Responsive Design, Core Web Vitals.

State & Data Orchestration

Zustand, Redux, NgRx, Context API, RxJS, React Hook Form, REST API, GraphQL.

Technical Leadership & Quality

Accessibility (a11y/WCAG), Clean Code, SOLID Principles, Mentoring, Code Review, Agile (Scrum, Kanban, Lean).

Testing & Reliability

Jest, React Testing Library, Jasmine, Karma, Pytest.

Full-Stack & Infrastructure

Node.js, Express.js, Python, Flask, FastAPI, Prisma, MongoDB, PostgreSQL, MySQL, AWS, GCP, Firebase, Supabase, Docker, CI/CD.

AI & Modern Tooling

Cursor, Google Antigravity, Claude Code, MCP, AI-Driven Development.

Languages

English (Fluent), Portuguese (Native).

CERTIFICATIONS

Meta/Facebook Front-End Developer (React) - [Certificate link →](#)

IBM Back-End JavaScript Developer - [Certificate link →](#)

Meta/Facebook React Native - [Certificate link →](#)

freeCodeCamp Data Visualization - [Certificate link →](#)