Bruno Ornelas

Senior Frontend Developer · Tech Lead · Web & Mobile

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PROFESSIONAL SUMMARY

Frontend Developer and Tech Lead with 12+ years building scalable, high-performance web and mobile applications end to end. Specialized in React, Next.js and React Native with TypeScript, delivering responsive, accessible and pixel-perfect interfaces backed by solid state management and comprehensive testing. Strong track record leading cross-functional teams, migrating legacy front-ends to modern architectures, optimizing performance for constrained environments and shipping mobile apps used by millions. Comfortable across the full stack (Node.js, GraphQL, AWS) and a daily practitioner of AI-assisted development: in 2026 alone I built 30+ complete products on my own with Claude Code: web, iPhone, Apple Watch, GPU computer vision and local LLMs (see brorn.pages.dev). Fluent in English.

TECHNICAL SKILLS

Front-end (web)	React.js, Next.js (App Router), Redux, Zustand, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind, responsive design, accessibility (WCAG 2.2), web performance
Mobile	React Native / Expo, cross-platform development, App Store / Play Store delivery, PWA, Apple Watch companion apps, Smart TV / remote-control UI
UI / UX	Design systems and reusable component libraries (Storybook), Figma-to-code, UX/UI design, wireframing
Testing	Jest, Vitest, React Testing Library, TDD, E2E (Playwright, Appium, Selenium)
Back-end & APIs	Node.js, Express, Hono, GraphQL, REST, WebSockets, serverless
Cloud & DevOps	AWS (Lambda, EC2, API Gateway, S3, CloudFront), Docker, CI/CD, Linux, cloud GPUs (RunPod)
Databases	PostgreSQL, MySQL, MongoDB, DynamoDB, SQLite
AI / LLM	LLM API integration (OpenAI, Anthropic), RAG pipelines, vector databases, MCP, multi-agent pipelines, tool / function calling, streaming UI, prompt design, local LLMs (llama.cpp / CUDA)
AI-assisted dev	Spec-driven development, Claude Code, Cursor, context engineering, agent skills
Computer vision	YOLO detection and tracking on GPU, camera calibration, ffmpeg video pipelines

PROFESSIONAL EXPERIENCE

Tech Lead / Frontend Developer | Altice via Winprovit — Jun 2021 - present

- Currently leading a B2B web platform that brings together network inventory, Salesforce CRM data and automated network discovery in one place.
- Led cross-functional teams across multiple web projects, driving development with Next.js (React) and TypeScript.
- Built responsive, accessible, high-performance interfaces with reusable component libraries and Redux state management.
- Established front-end standards, code reviews and CI/CD pipelines to keep quality and test coverage high.
- Adopted AI-assisted development (Claude Code / Cursor) to accelerate delivery while maintaining code quality.
- Managed Linux server environments and automated testing and deployment workflows.

`React · Next.js · TypeScript · Redux · Node.js · Jest · AWS`

Tech Lead | Terra Investimentos via Icon Solutions — Jan 2021 - Jun 2021

- Led the mobile app redesign for an investment platform using React Native.
- Implemented a comprehensive E2E testing strategy with Appium / Selenium.

`React Native · TypeScript · Redux · Jest · E2E tests`

Full Stack Developer | Claro via Global Hitss `Jul 2019 - Nov 2020`

- Contributed to a React Native mobile app serving millions of users.
- Developed a scalable microservices architecture using Node.js and GraphQL.
- Built serverless APIs with AWS Lambda, API Gateway and DynamoDB.

`React Native · React.js · Node.js · GraphQL · AWS`

Software Engineer | Nagra `Jul 2018 - Jul 2019`

- Developed embedded UI applications for a Smart TV platform using JavaScript ES6.
- Optimized application performance for resource-constrained Linux environments.

Front-End Developer | Tribanco via Resource IT `Jan 2018 - Jul 2018`

- Built an MVP from scratch for a commercial network platform using AngularJS.
- Implemented a containerized development environment with Docker.

Full Stack Developer & UI Designer | Teleidea `Apr 2014 - Jan 2018`

- Developed multiple TV applications including sports, weather and entertainment platforms.
- Designed UX/UI focused on remote-control navigation and accessibility.
- Built back-end services with Node.js integrating with payment systems.

Earlier experience `2006 - 2013`

Petlove (2012-2013): web developer & designer, e-commerce optimization and A/B testing · Colgate (2011): web developer, international websites · Sodexo Pass & Bayer CropScience (2006-2010): web projects trainee.

PERSONAL PROJECTS · brorn.pages.dev

30+ products built solo in 2026 with Claude Code. Screens, stack and the hard parts of each one on the site.

- **match.day + video-campo**: Team app (offline-first PWA, Apple Watch app, Node API) with a GPU video pipeline that stitches two phone cameras into a calibrated panorama and follows the ball automatically at ~120 fps. In daily use.
- **Personal organization system**: Split a monolithic "superapp" into single-owner services (tasks, calendar, habits, notes, coaching) behind a token-scoped broker, plus voice commands via iPhone Shortcuts.
- **my.family**: Reads historical manuscripts with double blind LLM transcription and reconciliation; every fact traceable to its source image.
- **pass.me + money.me**: KeePass (KDBX 4.1) web client unlocked with a YubiKey (Argon2 in WebAssembly); finance dashboard on live Open Banking (PSD2) APIs with a self-learning classifier.
- **Local & cloud AI**: Self-compiled CUDA llama.cpp tuned for an 8 GB GPU (~44 tok/s on a 35B MoE) plus on-demand cloud GPU pods with idle watchdogs and cost guards.
- **Design system**: Shared React / Tailwind component library with Storybook and automated WCAG contrast checks, used across 14 apps.

EDUCATION

Bachelor of Digital Design, Universidade Anhembi Morumbi

Technical Programming, FECAP

ADDITIONAL TRAINING

JavaScript, PHP, MySQL, Java fundamentals, Impacta Technology

English fluency: 10 months of international experience (London, UK)