Joseph Samuel Palomino Contreras

Bucaramanga, Colombia· linkedin.com/in/jpalomino502 · +57 3165093068 · joseph.palomino0102@gmail.com · jpalomino.dev

Frontend Engineer specializing in high-performance, scalable web applications. Strong expertise in the React ecosystem (Next.js App Router, advanced Vite optimization, Zustand and TanStack Query for state and data management), Astro for performant static sites, and TypeScript. Focused on building smooth user experiences, optimizing load times, and delivering resilient offline-first solutions. Daily Arch Linux user with solid shell scripting skills, experience in low-level integrations (e.g., Node.js hardware bridges), and cross-platform mobile development with Expo/React Native. Eager to learn and contribute in fast-paced, transformation-driven environments.

PROFESSIONAL EXPERIENCE

Webnova (Personal Project / Startup Initiative) *Bucaramanga, Colombia*
Founder & Lead Developer *April 2024–Present*

- Led frontend infrastructure for ChefSync, a SaaS point-of-sale system, using Next.js and React to build a highly interactive single-page application (SPA) with real-time data updates and offline capabilities via local-first strategies.

- Designed and implemented "ChefManager", a custom hardware integration solution enabling silent thermal printing directly from the browser — bridging a native limitation through a Python/Flask local server using system APIs (win32print on Windows, pycups on Linux), supporting ESC/POS text/images and seamless frontend API calls.

- Designed a unified UI Design System with Tailwind CSS and reusable components (buttons, modals, data tables), enforcing consistency and reducing future development time by 40%.

- Developed mobile-first responsive interfaces for educational and health monitoring platforms, ensuring fluid cross-device experiences and strict adherence to UX/UI best practices.

- Collaborated on Figma-to-Code workflows, translating complex visual designs into clean, maintainable TypeScript code.

- Engineered a Local-First sync engine (Zustand + TanStack Query) achieving 60% faster load times through Vite optimizations and 100% offline uptime.

EDUCATION

Autonomous University of Bucaramanga **Bucaramanga, Colombia**
Systems Engineering *2023 – Final-year*

CISCO   **Bucaramanga, Colombia**
JavaScript Fundamentals   *2024*

CISCO   **Bucaramanga, Colombia**
Python Fundamentals   *2024*

UDEMY   **Bucaramanga, Colombia**
Full Stack Developer   *2023*

SENA   **Bucaramanga, Colombia**
Technician in Implementation and Maintenance of Industrial Electronics   *2022*

SENA   **Bucaramanga, Colombia**
Computer Maintenance   *2021*

TECHNICAL SKILLS

- **Modern Frontend & UI/UX**: React, Next.js (App Router), TypeScript (Advanced), Tailwind CSS, HeroUI/NextUI, Figma (Design-to-Code), Framer Motion, Astro, Svelte/SvelteKit, Vue.js

- **Performance & State**: Vite (Advanced Optimization), Zustand, TanStack Query, Webpack, Turborepo

- **Mobile & Tools**: React Native (Expo Go), Expo

- **Integrations & Architecture**: Supabase, Payment Gateways, Node.js, Python (hardware bridges), Requirements Engineering, Agile/Scrum

- **DevOps & OS**: Arch Linux (Daily Driver), Bash Scripting, Docker, GitHub Actions (CI/CD)

- **Languages**: Spanish (Native), English (B2 – comfortable with technical English)