

HÉCTOR FRANCISCO NEUDERT ROCHA

Senior Full-Stack Engineer (Frontend-focused) · TypeScript · React / Next.js · Node.js
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SUMMARY

Senior full-stack engineer with 7+ years shipping production React and Next.js applications, backed by hands-on Node.js, API and SQL work. I take features from spec to production: data model, API, UI, tests and deploy. Comfortable in regulated domains (healthcare, fintech / payroll). Recent work includes an enterprise MRP (production planning) app, a multi-region e-commerce platform integrated with Stripe and commercetools, a fintech (global payroll) site with a serverless publish pipeline on AWS Lambda, and remote engagements with US clients where I own delivery end to end and keep progress visible async. I use AI coding tools every day (Cursor, Claude Code, Copilot) and review and own everything that ships.

TECHNICAL SKILLS

Frontend: TypeScript, React, Next.js (App Router, SSR/SSG/ISR), Redux Toolkit / RTK Query, Apollo Client, Tailwind CSS, shadcn/ui, Radix, Material UI, Ant Design, React Hook Form, Astro

Backend & APIs: Node.js, Express, REST, GraphQL, Next.js API routes, job queues, background workers and cron jobs, retries and idempotency, webhooks, service boundaries

Data: PostgreSQL, MySQL, SQL Server, MongoDB / Mongoose, Redis, Firebase

Auth & Security: OAuth2, JWT, role-based access control, Zod validation, credential rotation, incident response and server hardening

Cloud & DevOps: AWS (Lambda, EC2), Terraform (basic), Vercel (serverless, Cron), Docker Compose, Linux / SSH, CI/CD on GitHub, GitLab and Azure DevOps

Integrations: Stripe, commercetools, Contentful, Sanity, GA4 / Google Tag Manager, reCAPTCHA

Testing & AI tooling: Jest, Vitest, React Testing Library, Mocha, Chai · Cursor, Claude Code, GitHub Copilot, Codex

EXPERIENCE

Independent Consultant — Senior Frontend Developer | hneu

Jan 2026 – Present

Remote · US clients · Primary client: Full Circle Orthopedics & Sports Medicine (Phoenix, AZ — multi-location healthcare practice)

- Own the technical roadmap for a healthcare practice's web platform (~19K annual visitors, 830K+ Google impressions/yr), working directly with the founder with no PM layer; keep scope and progress visible through monthly written status reports and a phased backlog.
- Ran a full technical audit (DNS, hosting, SSL, plugins, tag management) and fixed issues over SSH; set up GA4 conversion tracking for phone, form and WhatsApp leads that were previously invisible (365+ phone clicks and 157 form starts per year).
- Shipped structured data across all service pages, 301 redirects for 10 legacy domains and an archived subdomain, and mobile CTA fixes for a site where 72% of traffic is mobile.
- Building proof-of-concept prototypes and the architecture proposal for a headless Next.js rebuild to move off WordPress, including a multi-location (Phoenix + Maine) content and routing model.
- For a second client (architecture firm, 4 WordPress sites): contained a production compromise (backdoor drop-in, webshells), rotated every credential (DB, admin, FTP, cPanel), patched core and plugins, and hardened the stack before relaunch.

Stack: Next.js, TypeScript, WordPress (headless), GA4 / GTM, Linux / SSH

Frontend Developer (Contract) | DocDigitales

Sep 2025 – Oct 2025

Hermosillo, Mexico

- Built features for the internal CRM module with Next.js, React, TypeScript and Tailwind, on top of role-based access and OAuth / JWT authentication.
- Used AI-assisted development (Copilot, Claude, Codex) to speed up delivery, reviewing all generated code before merge.

Frontend Developer | AGDesign

Feb 2025 – Aug 2025

Hermosillo, Mexico

- Shipped 5 e-commerce sites and 4 landing pages on Shopify and WordPress, with performance and SEO work on each.

Frontend Developer | Cognits

Aug 2024 – Jan 2025

Remote · Austin, TX

- Built a multilingual, SEO-first website for a global payroll / fintech company using Astro, React and TypeScript on a headless CMS.
- Led the content migration from Contentful to Sanity with no data loss and zero downtime.
- Built the content publish pipeline: Sanity webhooks trigger AWS Lambda jobs that rebuild and deploy the site to production.
- Cut load time by ~30% with server-side rendering and reusable React components.

Stack: Astro, React, Next.js, TypeScript, Sanity, Contentful, AWS Lambda, Node.js, GTM, Figma

Frontend Engineer — Enterprise MRP | Softtek

Jun 2023 – May 2024

Hermosillo, Mexico

- Sole frontend engineer on a 3-person team (backend, QA) replacing a spreadsheet-based production-planning process for a concrete pipe manufacturer.
- Owned the frontend architecture: Next.js, TypeScript and Material UI, with Apollo for server state and Redux for UI state; co-designed the GraphQL schema with the backend engineer.
- Owned the data flow from sales orders to production plans across a separate GraphQL API and two databases; built dynamic forms and dashboards that surface inventory shortfalls and machine-scheduling conflicts; validated UX directly with production planners.

Stack: Next.js, TypeScript, Material UI, Redux, Apollo, GraphQL, Node.js, Azure DevOps · Case study: github.com/hneudev/mrp-dashboard-case-study

Full Stack Developer — International E-commerce | Softtek

Sep 2022 – May 2023

Ensenada, Mexico

- Built customer-facing storefront and checkout features on a multi-region, multi-language platform integrated with **Stripe** and **commercetools**.
- Worked within role-based access and OAuth2 / JWT authentication; integrated Contentful for region-specific content and GTM for analytics.
- Reduced technical debt by ~90%; wrote unit tests with Jest, Mocha and Chai.

Stack: React, Next.js, Node.js, Redux, Stripe API, commercetools, Contentful, AWS, Vercel

Freelance & Contract Projects | Multiple clients

Nov 2019 – Dec 2023

Hermosillo, Mexico · part-time, in parallel with other roles

- **Proseco** (2021–2023): React SPA with Three.js / GSAP 3D renders and an Express + MongoDB backend; 10,000+ active users within three months of launch.
- **App del Valle** (2020–2022): cross-platform bartering app with React Native, Java, MySQL and Firebase; 1,000+ completed exchanges in year one.
- **Proconson** (2019–2022): custom React SPAs and WordPress sites for multiple clients.

Earlier Roles | UCY México · Xerox (ACS)

2013 – 2019

Jalisco, Mexico

- Full-stack developer and database administrator: SQL Server and MySQL databases, an internal intranet, automated reporting and data-validation scripts (JavaScript, PHP).

SELECTED PROJECTS

StockFlow — multi-branch inventory system with async processing · github.com/hneudev/StockFlow

- DB-backed job queue: Next.js API routes enqueue work and a background worker (Vercel Cron) processes it with atomic job claiming, retryable vs. non-retryable failure handling, an idempotency guard and stale-job recovery.
- Zod schemas shared between API and worker, Vitest tests, Tailwind + shadcn/ui dashboard with filtering and date-range reports.

Mesa QR — architecture for a restaurant ordering platform with integrated payments

- Designed a Node.js modular monolith with PostgreSQL, Redis and WebSockets for real-time kitchen updates; wrote a 34-story MoSCoW-prioritized backlog.

Self-hosted automation stack — Docker Compose on a Linux VPS running n8n workflows, webhook integrations and a local LLM (Ollama).

EDUCATION & LANGUAGES

B.S. Industrial Engineering and Systems — Universidad de Sonora

Full-Stack Web Developer Certification — Academlo

English: C1, full professional (daily async writing and live calls with US clients) · **Spanish:** native