Daniel Fernandez

Software Developer
Hermosillo, MX · U.S. citizen, relocating to Phoenix, AZ (early 2027)
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Summary

Software developer and Computer Science graduate (4.0 GPA, Tec de Monterrey) building production web apps with Next.js, TypeScript, and Tailwind CSS. Currently rebuilding a government payroll system for ∼35,000 employees.

Education

Tecnológico de Monterrey (ITESM) — Hermosillo, MX
B.S. in Computer Science and Technology Engineering, GPA 4.0/4.0 — *Aug 2022 - Jun 2026*

- **Honors:** Excelencia Tec Award (95/100 average across all four years); 1st Place, Expo Ingenierías 2026.

Universitat Politècnica de València (UPV) — Valencia, Spain
Exchange Semester, Informatics Engineering — *Sep 2025 - Jan 2026*

Experience

Fundación Arcángel — Hermosillo, MX (Remote)
Software Developer (Contract) — *May 2026 - Present*

- Own the frontend of Nexus (Next.js, TypeScript, Tailwind CSS, shadcn/ui), a modern replacement for Harweb, a 2008 government payroll and HR system covering ∼35,000 employees and ∼70,000 positions; two-developer team.
- Consolidating ∼400 legacy screens into a two-level navigation that cuts common tasks from ∼10 clicks to ∼4; delivered the Personnel Movement module demo, approved by the client with minor feedback.

Acquiro Partners (incl. Montemar Partners) — Remote
AI Development Intern — *Jun 2026 - Present*

- Designed and launched acquirorevenueadvisory.com (Next.js, TypeScript, Tailwind CSS), owning ∼85% of design and copy decisions, and redesigned montemarpartners.com with Remotion-animated hero videos.
- Migrated both sites from Vercel to Cloudflare Workers, eliminating a paid hosting plan, and fixed a Content Security Policy error that was blocking all site analytics.
- Set up the team Git workflow (feature branches, staging, peer-reviewed pull requests); review teammates' pull requests and validate merges with tsc, ESLint, and Vitest.

TE Connectivity — Hermosillo, MX (Hybrid)
Enterprise Systems Implementation Intern — *Feb 2026 - Aug 2026*

- Wrote Python scripts with data-cleaning pipelines that migrated ∼3,000 HR knowledge-base articles to ServiceNow HR Service Delivery, replacing tens of hours of manual work.
- Designed test cases, ran functional testing, and documented system behavior for the implementation.

Projects

ServiApp (client: Aviada) | *React, TypeScript, Docker, OpenAI API* — 1st Place, Expo Ingenierías 2026

- Built an AI home-services app for a real client: OpenAI API orchestration for intent recognition and a provider recommendation model, containerized with Docker at a 5-second average response.
- Developed the React and TypeScript frontend with type-safe API integration for real-time chat.

Borregos en Acción | *React, JavaScript, Vercel* — 2025

- Led, as Project Manager, a team of 6 to deliver a deployed web app for managing university sports tournaments.

Peiix Master | *React Native, TypeScript, Expo* — 2024

- Built the frontend of a payment-terminal mobile app: authentication, transaction filters, and CSV and PDF export.

Technical Skills

Languages: TypeScript, JavaScript, Python
Frontend: React, Next.js, React Native, Expo, Tailwind CSS, shadcn/ui
Tools: Git/GitHub, Cloudflare Workers, Vercel, Docker, Vitest, ESLint, Remotion, ServiceNow, OpenAI API
Spoken languages: Spanish (native), English (fluent)