# Nicolas Castro

**AI Builder · AI Enablement · Prompt & Workflow Design**

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## Summary

Self-taught AI builder who builds AI tools and automations that people actually use. Since 2025 I have designed, prompted, tested, and launched 5 live AI web tools, client websites, and automations using Claude, Grok, Gemini, and Vercel, with automated tests, CI, and real analytics. 15+ years of dependable public-sector and airline operations work. Bilingual English/Spanish.

## Shipped AI Work

**AI Visibility Check — doesaiknowmybusiness.com (live)**

- Free tool that runs live Google search plus Gemini (Search grounding) to score whether AI assistants would recommend a local business; 8+ checks completed and first inbound lead captured.
- Added a no-signup sample report and an architecture case study in English and Spanish; 45 automated tests, Lighthouse mobile 97–100.
- Designed and refined prompts for consistent, explainable scores; tracked with GA4 and Search Console.

**SiteSafeCheck — sitesafecheck.com (live)**

- Website security checker for small businesses: scans headers, SSL, and email DNS (SPF/DMARC), then explains results and a grade in plain English.
- Cut scan results from up to 28s to 1–4s (~7x faster); added a one-tap sample-site demo; 69 automated tests, Lighthouse 100.

**The Other Data — theotherdata.com (live)**

- Alternative-data stock research tool explaining offbeat public signals in plain English (Finnhub/Tiingo APIs plus Gemini). Built a signal walkthrough with real backtest results (58.1% over 31 calls, openly flagged as possibly luck).

**How AI Works for Kids — howaiworksforkids.com (live)**

- 15 interactive lessons in two sections with progress badges; 14+ lessons finished by kids so far; public GitHub Actions CI.

**Other builds**

- **robloxideas.com** — AI Roblox game idea generator; 140+ ideas generated.
- **aaproroofers.com** — client website for AA Pro Roofers (build, lead capture, SEO, schema, analytics).
- **AI Tools Pulse** — Spotify podcast on practical AI tools. Co-author, with Nancy Castro, of *The Smart Soccer Ball Mystery* (kids' ML picture book, on Amazon).

## Tools

Claude · Grok · AI assistants & agents · Gemini / Google AI Studio (Search grounding) · Meta Muse · Vercel · GitHub / GitHub Actions CI · automated testing · Finnhub/Tiingo APIs · GA4 / Google Analytics · Google Search Console · Schema/SEO · basic Python

## Experience

**Tree Trimmer (Forestry), City of Chicago — Sept 2018–Present**

- Safety-critical crew work; follows strict procedures, documentation, and field-team coordination.

**Watchman, City of Chicago — Nov 2014–Aug 2018**

- Monitored security systems and reported incidents accurately and on time.

**Fleet Service Clerk, American Airlines — 2009–2014**

- Time-sensitive ramp and fleet operations in a high-volume, schedule-driven environment.

## Education

Triton College — Information Technology coursework, 2011–2013

## Certifications & Languages

Google IT certifications · Bilingual English/Spanish (Colombian)