

Andrés Sanabria

AI Product Engineer | Full-Stack Developer

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SUMMARY

AI Product Engineer and full-stack developer who builds web and desktop products. I integrate AI agents into product workflows and design the APIs, data models, and interfaces around them. Former programming tutor with C1 English and international academic experience.

SELECTED PROJECTS

Armin - Software Engineer | 2026 | Completed | [GitHub](#)

- Built and released v0.5.0 of a local-first desktop app for spaced repetition with Electron, TypeScript, React, SQLite, Drizzle, and FSRS.
- Designed a prerequisite graph and an MCP server that lets coding agents create decks, cards, and prerequisite relationships.
- Automated tests and Linux release packaging with Vitest, Playwright, and GitHub Actions.

Mikasa - Software Engineer | 2026 | Completed | [GitHub](#) | [Live](#)

- Built a web app that creates a complete Course for one Topic and Goal. The Learner approves the Outline before Mikasa generates the content.
- Designed a durable workflow that generates and reviews the Course as one unit. Coding examples run in an isolated environment before publication.
- Used Next.js, React, TypeScript, Postgres on Neon, Drizzle, AI SDK, OpenRouter, Vercel Workflows, and Vercel Sandbox.

Ask - Software Engineer | 2026 | Completed | [GitHub](#) | [Live](#)

- Built the agent on my portfolio so recruiters can ask about my background and projects. It answers from a defined corpus and shows the source for each response.

EXPERIENCE

Introduction to Programming Tutor - CupiTaller, Universidad de los Andes | January 2024 - August 2026

- Delivered one-on-one introductory programming and Python tutoring to about 200 university students.
- Maintained an average student rating of 4.9/5 across multiple semesters.
- Adapted explanations and exercises to develop debugging, problem decomposition, and algorithmic reasoning skills.

EDUCATION

Universidad de los Andes - Bachelor of Business Administration Candidate | Expected March 2027 | Coursework completed

University of St. Gallen, Switzerland - Exchange semester | September 2024 - December 2024 | Coursework completed in English

CERTIFICATIONS

Certified Data Scientist - Correlation One | Issued September 2021 | Credential ID: 6fc57c73-7e47-4d6d-a86e-241fde550113

SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Full-Stack: React, Next.js, Node.js, Electron, Astro, Postgres, SQLite, Drizzle, API design

AI and Agents: RAG, MCP, agent integration, tool design, AI SDK, OpenRouter

Delivery: Git, GitHub Actions, Vercel, Vercel Workflows, Vitest, Playwright

Languages: Spanish (native), English (C1) | Duolingo English Test: issued September 2023, expired September 2025