

Gabriel Sanchez

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Product-minded Engineer bridging AI automation, software, and business

PROFILE

Product-minded Computer Science Engineer who bridges customer needs and engineering execution. I work at the intersection of business, software, and applied AI: speaking with customers, identifying operational problems, translating them into technical requirements, and building working products or automations. My AI experience is focused on practical automation, agent development, and integrating AI into workflows rather than training models from scratch.

SELECTED EXPERIENCE

Software Contractor — Stealth Startup

Feb 2026 - Apr 2026

- Built AI-enabled automation pipelines for email marketing, SEO, and LinkedIn, helping the marketing team automate content generation and post scheduling workflows.
- Developed an accounting automation application for Malaysian firms relying on traditional Excel-heavy processes and manual review of receipts, invoices, and statements.
- Designed tailored workflows to help accounting teams process financial documents and complete routine work faster.
- Worked across product requirements, business process understanding, and technical implementation. The stack included, among others, TypeScript, Python, and Google Analytics.

Frontend Developer — Izertis

Oct 2024 - Aug 2025

- Maintained infrastructure and developed new features for MAPFRE-related healthcare applications: saludsavia.com and saludsavia.com/tecuidamos.
- Built and maintained Angular production applications and used Capacitor to package web applications as native Android and iOS apps.
- Worked in an engineering environment where product requirements, reliability, and maintainability mattered for real users.

STARTUP AND PRODUCT PROJECTS

Arbiter — Privacy-Preserving KYC Technology

Jan 2025 - Dec 2025

- Built a privacy-preserving KYC product exploring zero-knowledge credentials for secure online identity verification.
- Worked across product discovery, technical architecture, backend development, and startup positioning. Used Golang for backend development.

Asakana — AI Agent and Platform Development

2025

- Built an AI agent and contributed to platform development for a startup helping seafood wholesalers automate relationship management with restaurants.
- Worked at the intersection of workflow understanding, product requirements, and implementation. UC Launch LAUNCHATHON — 3rd place.

AI Platform for Habitable Exoplanet Identification

NASA Space Apps Mountain View, 2025

- Built an AI platform to identify potentially habitable exoplanets using more accurate calculations. Global Winner — Best Use of Data.

Solar Plant Fire Prevention Drone Network

The Challenge Hackathon, Valencia Digital Summit, 2024

- Proposed a drone and sensor network to monitor solar panel temperature and detect fire risk in solar plants. Winning project.

EDUCATION AND STARTUP PROGRAMS

Computer Science and Engineering — Polytechnic University of Valencia

2021 - 2026

Core CS: networks, operating systems, hardware architecture, programming, databases, and software systems.

Master's in Startup Administration — Polytechnic University of Valencia

2025 - 2026

Including Startup Semester at UC Berkeley

Startup management, design thinking, product validation, and customer-focused product development.

Cybersecurity Startup Program — INCIBE and Startup Valencia

2024

Three-month program focused on compliance, user data, privacy, cybersecurity, and startup launch fundamentals.

TECHNICAL SKILLS

AI and Automation: AI agents, workflow automation with LLMs, content generation pipelines, document/process automation, applied AI product development

Software Engineering: TypeScript, React, Next.js, Angular, Expo, Capacitor, Golang, Python, Java, LangChain, PostgreSQL, Oracle SQL, Docker

Analytics, Cloud and Tools: Google Analytics, Google Cloud, Vercel, Microsoft Azure Fundamentals AZ-900

Emerging Technologies: Qiskit, quantum computing fundamentals, Solidity, smart contracts, zero-knowledge credentials