

Juan Ignacio Castore Bergioli

Product Engineer • AI Agents • Applied AI, end-to-end product
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Profile

Product Engineer at a stealth AI startup automating companies' back-office operations: I own one of the two customer segments end-to-end — I interview users, define the roadmap, and write the code that ships it. I led the adoption of AI-native development across 100% of the company: **8.8× engineering velocity**, measured week over week. **Co-founder of three startups**, BSc in Digital Technologies (CS Major, Business Minor) at UTDT with a **9.13/10 GPA**, and a Teaching Assistant there since 2023. **English C1**, native Spanish, German A2.

Experience

Product Engineer — Operational Agent & Accountants Segment Owner *Sep. 2025 – Present*
Stealth AI Startup — OpsTech (back-office automation)

- Lead the company's flagship product: an AI agent that runs each client's operations directly against their own ERP. Accountable for **>99% uptime across 200+ organizations** operating daily and for zero lost receipts; I define roadmap and features, reporting directly to the CTO.
- **Owner of 1 of the company's 2 customer segments** (accounting firms): user interviews → prioritized roadmap → shipped code, the full cycle.
- Chosen by the CTO to evaluate AI-native development; led its rollout to **100% of the company (~15 people, including the CEO)**. Engineering throughput reached **8.8× the prior baseline**, tracked weekly.
- Shipped an invoice auto-loading flow that removed manual data entry for **40% of processed invoices**; led integrations with 6 Argentine ERPs in production (including an undocumented legacy on-premise SOAP/XML system) and with ARCA, the Argentine tax authority.
- Stack: Python, FastAPI, SQLAlchemy, PostgreSQL, Cloud Run, Cloud Tasks, AWS Textract + OpenAI (structured document extraction), Next.js, React.

Co-Founder & CTO *Feb. 2026 – Present*
Orion Studio Automation (automatizaciones-orion.com) — automation & AI for insurance

- Run a consulting engagement end-to-end with a paying pilot client (insurance broker): a 5-tier entity-resolution pipeline (normalization, token overlap, Levenshtein, LLM semantic validation) matching ~4,280 contacts against ~250 weekly policy renewals, delivered via WhatsApp.
- Own the self-hosted infrastructure: Hetzner VPS, Docker Compose (n8n, PostgreSQL 16, Redis, WhatsApp gateway), Cloudflare zero-trust, CI/CD via GitHub Actions.

Co-Founder & CTO *Feb. 2025 – Feb. 2026*
Pickap (pickup.app) — B2B gastronomy ordering platform

- 12 months of end-to-end product delivery: technical roadmap, **public launch with paying restaurants**, integrations with Mercado Pago and Fudo (React, Node.js, Firebase).

Teaching Assistant *Jul. 2023 – Present*
Universidad Torcuato Di Tella — Algorithm Design, Computer Systems, Intro to Programming

- Teach lab sessions and design/grade assessments across 3 core CS courses; code review at scale on hundreds of student submissions.

Selected projects

- **Conversational AI agent (undergraduate thesis, 2025)**: autonomous commercial agent for a food distributor (Gemini, Whisper, n8n on GCP; 139 nodes, 11 use cases; multi-agent architecture). Customer lookup time **4 min → 30 sec (8×)**.
- **Kora (2025)**: co-founded a digital-onboarding SaaS; designed the RAG system with a user-editable knowledge base. Advisory role today.
- **University ML competition: 2nd place** (CatBoost pipeline: EDA, feature engineering, hyperparameter tuning).

Skills

Languages: Python (expert), Go, JavaScript/Node.js, Java, C/C++, SQL, R. **AI**: agentic workflows, RAG, LLM integration (OpenAI, Gemini, Whisper), PyTorch, TensorFlow, scikit-learn, CatBoost/XGBoost. **Cloud & Infra**: GCP (Cloud Run, Cloud Tasks), AWS Textract, Docker, Linux, self-hosted VPS, CI/CD, observability. **Databases**: PostgreSQL, MySQL, MongoDB, Firestore, Redis.

Education & languages

BSc in Digital Technologies — CS Major, Business Minor — Universidad Torcuato Di Tella (2022–2025). **GPA 9.13/10**; 39 courses, 7 electives beyond the 32 required (AI, Infra, Data Engineering).

Certified Tech Developer — Backend — Digital House (2021–2023), **full scholarship by Mercado Libre & Globant**
• **Electromechanical Engineering** (UNSJ, 2018–2021, 3 years).

Languages: Spanish (native) • English (C1) • German (A2).