Alejo Joaquín Quintana

Software Engineer · Applied AI & Legacy Modernization

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SUMMARY

Computer Science graduate and Young Professional in the Techint Group's program, working in IT at FEPSA. I build software that puts artificial intelligence to work in day-to-day operations: automating tasks that relied on manual data entry, turning documentation into searchable knowledge, and moving legacy systems to modern cloud architectures. I work with AI agents throughout the development cycle, guided by clear specifications, to ship faster without compromising quality. Entrepreneurial mindset, from idea to production.

EXPERIENCE

IT Young Professional — FEPSA (Ferro Expreso Pampeano) · Techint Group `2025 - Present`

Joined as a summer intern in 2025, had my internship renewed, and moved into the Young Professionals program after graduating.

- **AI-driven automation:** administrative processes that depended on manual entry, such as invoice intake, are now handled by services that read email and documents with AI and record the data in the company's systems. (.NET, LLM APIs, Microsoft Graph, Oracle)
- **Knowledge that stays:** digitized years of technical documentation and built an AI assistant that answers questions about it in natural language, so that knowledge stays within the company. (RAG, Azure, LLM APIs)
- **From legacy to cloud:** long-running production applications moved to current architectures and cloud services, with continuous integration and delivery. (.NET, React, Azure, CI/CD)
- **How I work:** AI-agent-assisted, spec-driven development (requirements, acceptance criteria and documented decisions) to iterate quickly while keeping code reviewable and maintainable.

IT Lead — GRA Capacitaciones · Family business `2025 - Present`

- Leading, together with the marketing team, the digital transformation of a teacher-training company that had always sold in person.
- Designed and built gracapacitaciones.com, which showcases the course catalog and organizes every inquiry coming in from ad campaigns. (Next.js, React, Tailwind CSS, Vercel)

Administration — Distribuidora Gran Falucho · Family business `2021 - 2025`

- Started with administrative tasks (inventory, payments, customer service and website) and took part in the company's digital renewal.

EDUCATION

B.Sc. in Computer Science (Licenciatura en Ciencias de la Computación) — Universidad Nacional del Sur, Bahía Blanca `2021 - 2026`

Additional training

- **Techint Group Young Professionals Program** (ongoing): leadership and soft-skills training.
- **Spec Driven Development** (2026): specification-driven development as the foundation for working effectively with AI agents.
- **Applied AI, self-directed:** I closely follow AI and agent trends to find new ways to improve business processes.

SKILLS & LANGUAGES

- **Applied AI:** LLM APIs, RAG, AI agents, process automation, spec-driven development
- **Backend & data:** .NET, Java, Oracle
- **Frontend:** React, Next.js, Tailwind CSS, JavaScript, HTML & CSS
- **Cloud & tooling:** Azure, Microsoft Graph, CI/CD, Git & GitHub, Vercel
- **Leadership & management:** agile methodologies (Scrum, Kanban), project leadership, requirements gathering with business teams, communication with non-technical stakeholders
- **Languages:** Spanish (native), English (B2+, upper intermediate)