

BENJAMÍN ESPINA

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience building end-to-end products in React, Node.js, and TypeScript, including production integration of AI (Google Gemini). My background as a Functional Analyst at Grupo OSDE adds business understanding, requirements gathering, and functional validation.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React, Angular, Next.js, Tailwind CSS
Backend & Data: Node.js, Express, REST APIs, MongoDB, PostgreSQL, Supabase, SQL Server
Testing & Cloud: Vitest, Playwright, Git, CI/CD, Vercel, Azure DevOps
AI: Google Gemini API, Claude Code, GitHub Copilot, ChatGPT

EXPERIENCE

Full Stack Developer — Personal & Freelance Projects

Rincones — Personal Wine Cellar Management Platform Oct 2023 – Present

In production · Real users · AI integration

- **Designed and deployed a production Full Stack application** with independently deployed frontend and backend inside a monorepo, a custom REST API, and JWT authentication.
- **Integrated the Google Gemini API** for image recognition and content generation, with local OCR as a fallback.
- **Implemented automated testing** and shipped it as a PWA with an admin panel, deployed on Vercel.

Presupuestador — Web-Based Quoting Tool, Playa y Sol S.A.S.

In production · Real business · Publicly accessible

- **Designed and built a public, web-based quoting tool** (pools, linings, covers, fencing, and tiling), accessible from mobile and desktop, with user accounts and permissions, replacing a manual process.
- **Implemented real data persistence**, per-client history, and quote editing/reopening.
- **Added Word/PDF document generation** and automated testing, with continuous deployment on Vercel.

Playa y Sol — Institutional Site & E-Commerce

In production · Real business · E-commerce

- **Built and maintain a production Full Stack platform** for a real business, combining an institutional site, e-commerce store, and WhatsApp-based checkout.
- **Built an admin panel** for managing products and orders, with authentication and security best practices.

Additional projects: Dividimos? (group expense-splitting PWA, Angular) and DollarTracker (real-time financial exchange-rate PWA, React).

PROFESSIONAL EXPERIENCE

Functional Analyst — URG Urgencias, Grupo OSDE (Córdoba, Argentina) Dec 2023 – Mar 2025

- **Gathered and analyzed requirements** from multiple internal clients, acting as the liaison between business stakeholders and development teams; documented processes and tracked work via Trello/Kanban.
- **Diagnosed incidents** using SQL Server (queries and stored procedures) and validated APIs with Postman.
- **Performed functional testing and UAT** before every production release.
- **Contributed to a migration** from a monolithic architecture to microservices, and collaborated with an RPA team on an automation used across 5 medical centers.

EDUCATION

Information Systems Engineering — UTN FRC, Córdoba, Argentina

Coursework completed. Thesis defended and approved. Final exams pending.

LANGUAGES

Spanish (Native) · English (B2 / Conversational)