

Juan José Diaz

Full stack developer

Buenos aires, Argentina
(+54) 011 2660-6410

juanjosediazarmada@gmail.com [Linkedin](#)-[Github](#)

My career has been driven by a passion for developing intelligent, scalable systems that merge technology and creativity. As a **Full Stack Developer specialized in AI-driven solutions**, I have designed and implemented multi-tenant platforms, conversational agents, and automation systems that help businesses streamline their operations and deliver exceptional user experiences.

I bring strong expertise in **TypeScript, React, Next.js, Supabase, and PostgreSQL**, combined with hands-on experience integrating **AI providers like OpenAI, Anthropic, Google, and Azure**. My work is guided by a mindset similar to chess—strategic, analytical, and adaptive—allowing me to anticipate challenges and design elegant, maintainable solutions that create real impact.

I thrive in environments where innovation and learning never stop, from building **multi-tenant SaaS architectures** and **event-driven workflows**, to exploring emerging technologies that elevate product capabilities and team performance.

Programming Languages: TypeScript, JavaScript

Framework Tools: React, Next.js, Redux Toolkit, Tailwind, Express, React Native

Databases: Firestore, PostgreSQL

Tools: Git, Jira, Slack, GitHub

Agile: Scrum

Professional Experience

Full Stack Developer

Cibernova – Spain

May 2025 – Actualidad

I am currently Part of the development team at Cibernova, a multi-tenant SaaS platform that enables companies to build and deploy conversational AI agents, automate workflows, and manage omnichannel communications without requiring specialized technical knowledge.

- **Architecture & Backend:** Designed and implemented a multi-tenant architecture with schema isolation in PostgreSQL; developed RESTful APIs using Next.js 15 App Router with Zod validation and consistent error handling; implemented authentication and session management with Supabase Auth and Redis.
- **AI Integration:** Connected multiple AI providers (OpenAI, Anthropic, Google, Azure) through a unified AI SDK, orchestrating workflows with LangChain.

- **Messaging System:** Built real-time multi-channel messaging (Gmail, WhatsApp) using Unipile SDK, including “take-control” handoff between human agents and AI during live conversations.
- **Automation & Triggers:** Implemented automatic triggers, HTTP webhooks, and asynchronous background workers with Inngest for heavy task processing.
- **Frontend & UX:** Developed a modern interface with React 19, TypeScript 5, Tailwind CSS 4, and Radix UI; created a prompt editor with Markdown support and a knowledge management system for AI agents.
- **Database & ORM:** Modeled and optimized complex database schemas using Drizzle ORM, including automated migrations and relationships across organizations, agents, conversations, and communication channels.
- **Monitoring & Logging:** Configured Winston and Sentry for structured logging, advanced debugging, and production error tracking.

Tech Stack: Next.js 15, React 19, TypeScript 5, PostgreSQL, Drizzle ORM, Supabase, Redis, AI SDK, LangChain, Tailwind CSS 4, Inngest, Winston, Sentry.

Technical Agent Developer

Vozy – Colombia

March 2024 – May 2025

In my role as a Technical Agent Developer, I have worked on automating tasks and processes in collaboration with different teams, using tools such as Make, Zapier, and JavaScript. Additionally, I have led the development of innovative solutions based on artificial intelligence. My main responsibilities include:

- Automation of workflows and repetitive tasks to optimize internal operations.
- Custom development of middleware and platforms to meet specific client requirements.
- Design and development of AI agents for customer debt collection management, including reminders, payment follow-ups, and commitment handling.
- Creation of conversational agents focused on enhancing customer experience and efficiently resolving inquiries.

Full Stack Developer

GPEsportsRD - Dominican Republic.

June 2023 – March 2024

I worked on the development of various tools for controlling and organizing Formula 1 tournaments, using a tech stack that includes Node.js, React, Socket.io, and Electron. My main responsibilities included:

- Development of Discord and WhatsApp bots using Node.js and Discord/WhatsApp APIs.
- Implementation of real-time data handling for Formula 1 tournaments using Socket.io.
- Creation of desktop applications for OBS (Open Broadcaster Software) management using Electron and React.

In this role, I worked as a Full Stack Developer, constantly adapting to new technologies to meet project demands and effectively perform my tasks.

Full Stack Developer

Alma Cannabica – Argentina.

February 2023 – April 2023

At Alma Cannabica, my role covered the design, programming, and optimization of our digital platforms to create an exceptional user experience. Key responsibilities included:

- Designing front-end interfaces and elements to ensure a rewarding and secure user experience.
- Developing landing pages, dashboards, and components using advanced technologies.
- Continuously maintaining and optimizing our website and interfaces to facilitate and secure the purchasing process.

Full Stack Developer

Sumak Kawsay – Colombia.

At this company, I had the privilege of serving as a Full Stack Developer and UX Designer. My role was crucial in creating an intuitive and easily accessible platform for purchasing cryptocurrency. My main responsibilities included:

- Designing and conceptualizing the website to provide an intuitive and enjoyable user experience, with a responsive design to ensure accessibility across various devices.
- Programming the website using advanced technologies such as Next.js, Rainbowkit, and Tailwind CSS, ensuring optimal performance and smooth navigation.
- Collaborating closely with the team to develop a coherent vision aligned with the company's goals, in line with the concept of a new era of community-driven wealth.
- At Sumak Kawsay, I had the opportunity to contribute significantly to the project of creating a cryptocurrency that empowers users, allowing them to shape the future of the financial ecosystem in an inclusive and collaborative way.

Website: <https://unifying.earth/>

Professional Education

- Full Stack Web Developer - Henry Bootcamp (800 hours of theoretical and practical coursework, 2023)

- Web Development - Argentina Programa (2022)

Languages

- English B2 - Intermediate.
- Portuguese - Fluent
- Spanish – Native