

JAIME JAIR RODRÍGUEZ JUÁREZ

Full Stack Developer | React · Next.js · TypeScript · Python

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PROFESSIONAL SUMMARY

Full Stack Developer focused on process automation and data-driven applications with AI. Automated the generation of TISAX compliance reports, eliminating manual transcription between Excel and Word, and built Inphera, a platform that combines statistical models and LLMs for sports analysis. Experienced with TypeScript, React, Next.js, Node.js, Python/FastAPI, and PostgreSQL/Supabase.

EXPERIENCE

MBQ Group Business Solutions | Full Stack Development

Academic Internship · Remote | February 2026 – June 2026

- Automated the generation of TISAX compliance reports, eliminating manual transcription between Excel and Word and the data loss it caused, using Next.js and TypeScript.
- Designed the relational model in PostgreSQL/Supabase with Row Level Security (RLS) policies to restrict access to sensitive audit data.
- Applied IT controls and risk management practices during development, aligning the system with the security requirements of the TISAX standard.

FEATURED PROJECT

Inphera | AI-Powered Sports Analysis Platform

Personal Project · Private Beta · inphera.com.mx · Case Study: jaimejair.dev/en/project/inphera

- Integrated sports APIs to retrieve and process matches, lineups, and statistics into a relational model using PostgreSQL/Supabase with RLS.
- Built a prediction pipeline: a Poisson distribution model calculates outcome probabilities, while an LLM converts them into natural-language analysis for each match.
- Stack: Next.js, React, TypeScript, Python, Supabase.

TECHNICAL SKILLS

Frontend: TypeScript, JavaScript, React, Next.js, Tailwind CSS

Backend: Node.js, Python, FastAPI, Express, REST APIs

Databases: PostgreSQL, Supabase, MySQL, MongoDB

Tools: Git, GitHub, Docker, Jest, Vercel

Cloud: AWS (in training)

EDUCATION

Bachelor's Degree in Computer Systems Engineering | Universidad UK

In Progress | Expected Graduation: 2028

Bachelor's Degree in Electronics Engineering | ITSX

Graduated | 2024

ADDITIONAL TRAINING

Full Stack Web Development · JavaScript · Systems Auditing and Risk Management · AWS and Cloud Architecture (in training)