

JESUS MARTINEZ

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LANGUAGES

Spanish: Native
English: Intermediate (B2 - actively improving)

EDUCATION

Currently pursuing BSc in Information Technologies (6th semester)
UNIVERSIDAD DEL SABES, San José Iturbide Complemented studies through online courses, mobile apps, YouTube tutorials, and AI-driven self-learning platforms.

Soft Skills

- Creativity
- Collaboration
- Fast Learner
- Problem Solving

PROFILE

Passionate web developer with hands-on experience building full-stack applications using React, Next.js, and Bun. Skilled in integrating AI capabilities into web solutions, including multi-agent systems and automated database management. I am known for building projects from scratch, self-driven learning, and collaborating with international teams. Constantly seeking innovative ways to make technology more efficient and accessible.



Technical Skills

- **Languages:** JavaScript, HTML, CSS, Python
- **Frameworks:** React, Next.js, Bun
- **Databases:** MySQL, SQL, PostgreSQL
- **AI & Automation:** Multi-agent systems, LangGraph, Python agents
- **Tools:** Git, GitHub
- **Soft Skills:** Creativity, Collaboration, Fast Learner, Problem Solving

Endorsements & Collaborations

Trusted by academic and business partners in recent innovative AI-driven:

- **Clemson University**
Collaborated on an AI-powered language learning platform, currently under academic review. Focused on enhancing personalized education through intelligent feedback and adaptive learning paths.
- **Robik (Founder: Miguel Velarde)**
Engineered a document management system using AI agents to extract structured data from scanned legal documents—such as contracts, appraisals, invoices, and tax receipts—and organized them into an interactive dashboard with payment reminders and searchable access.
- **Eduactiva**
Helped design an educational agent system that supports students in case analysis, offering dual feedback (reinforcement and recommendation) along with curated external resources like articles, videos, and tools to improve critical thinking skills.

Projects

- **AI-Powered Database System:** Developed a web application where an AI agent manages database operations, optimizing queries and automating data handling.
- **Serenity - AI Mental Health Assistant:** Created a web-based AI assistant offering psychological support for youth, focused on empathy and mental health tools.