

Jorge Trad

Software Engineer @ Magno Technology | Tech Lead | Product Engineer

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🔗 [linkedin.com/in/jorgetrad](https://www.linkedin.com/in/jorgetrad) | 🗣️ Conversational English & Native Spanish

Summary

Technical Lead & Full-Stack Software Engineer with **4+ years of experience** bridging the gap between complex business requirements and scalable technical solutions. Proven track record in leading technical initiatives, from **system architecture** and **cloud infrastructure (Proxmox/Docker)** to the integration of **AI-driven (LLM) workflows**. Expert in the **JavaScript/TypeScript ecosystem (React, Next.js, Node.js)**, with a focus on delivering high-quality code through **SonarQube, Jenkins, and CI/CD best practices**. A collaborative facilitator dedicated to stakeholder management, process documentation, and building high-performance, multidisciplinary teams.

Experience

Magno Technology

Mérida, Yucatán, Mexico

Technical Lead

July 2023 - Present

- **Technical Leadership:** Spearhead system architecture and technical requirements, bridging business goals with engineering execution for high-impact e-commerce products.
- **AI & Productivity:** Led the adoption of AI-driven workflows (LiteLLM, autonomous agents) to optimize team delivery and internal development speed.
- **Cloud Infrastructure:** Partnered with DevOps to manage a **Proxmox** cloud environment using **LXC, Gitea, HashiCorp Vault, and Harbor** for secure Docker image management.
- **Full-Stack Engineering:** Engineered complex checkout logic for mixed-payment flows (Financing, DaviPlata, PSE) and modernized legacy UI into high-performance **React** components.
- **Data & Security:** Optimized bulk data processing using **Python (Pandas/NumPy)** and enforced **OWASP** security standards through **SonarQube** and automated CI/CD pipelines.

Onikom LLC

Mérida, Yucatán, Mexico

Full Stack Javascript Engineer

July 2022 - April 2024

- **Voice-Commerce Innovation:** Developed accessible V-Commerce solutions using **Alexa, Google Assistant, and NLP** to enable shopping for visually impaired users.
- **Enterprise Integrations:** Architected real-time data synchronization bridges between custom platforms and **SAP**, ensuring data integrity via automated batch processing.
- **Serverless Architecture:** Designed and deployed scalable backends using **AWS Lambda and Node.js**, reducing operational costs and improving multi-platform performance.
- **Cross-Platform Development:** Built hybrid mobile applications and admin dashboards using **Ionic, Angular, and PostgreSQL** for real-time order tracking and catalog management.
- **Legacy Refactoring:** Led critical code migrations (Spartacus framework) and refactored legacy React portals, significantly reducing technical debt for high-prestige institutions.

Skills

AI & Agents

Claude Code, Open Code, AI-Augmented Development, Multi-Agent Orchestration, LiteLLM, OpenAI

Backend & APIs

Node.js, TypeScript, Python, REST API Design & Integration

DevOps & CI/CD

Jenkins, Docker, Git / GitFlow, CI/CD Pipelines

Architecture

System Architecture & Design, Cloud Infrastructure, Database Design, Technical Documentation

