

Victor Salgado

Full Stack + AI + Data Engineer

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PROFESSIONAL SUMMARY

Full Stack Engineer specialized in production-grade systems with React, Node.js, TypeScript, and PostgreSQL. Strong background in architecture, API design, semantic retrieval, and LLM integrations (local and BYOK). Delivers maintainable software with clear technical decisions, reliability-first execution, and measurable business value.

CORE SKILLS

Frontend: React, TypeScript, Vite, Tailwind CSS, component systems, state management

Backend: Node.js, Express, REST APIs, authentication, middleware architecture

Data: PostgreSQL, MongoDB, relational modeling, query optimization, data integrity

AI/LLMs: Ollama, BYOK integrations, embeddings, semantic search, contextual retrieval

DevOps: Docker, Railway, PM2, GitHub Actions, CI/CD, environment management

SELECTED PROJECTS

mindtrack-ai - Semantic project management with local LLMs and persistent memory.

- Implemented full stack architecture for context-aware task reasoning and retrieval.
- Built semantic pipelines with embeddings and structured context propagation.
- Integrated local inference with production-ready backend services.

tigre-labs-context-engine - Multi-agent contextual reasoning engine.

- Designed agent orchestration flows for consistent context handling and synthesis.
- Built modular service boundaries to improve maintainability and scalability.
- Focused on deterministic behavior and fault-tolerant execution.

FacturAutentico - Billing and invoicing platform with strong business rules.

- Developed secure backend workflows with role-aware access control.
- Implemented robust transactional flows and production-focused data integrity.

sentrylog - Monitoring and alerting system for real-time operational events.

- Built dashboard + API services for critical event visibility and response.
- Improved observability through structured logging and actionable telemetry.

VALUE TO TEAMS

- Architecture-first thinking with practical delivery under production constraints.
- Clear communication of trade-offs, risks, and implementation decisions.
- Ownership mindset from design through deployment and iteration.

TARGET ROLES

Full Stack Engineer (React + Node.js + TypeScript) | AI-Assisted Development | Data-centric Product Engineering