

Vyctor Matias Leal

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Software Engineer with over 6 years of experience developing web, mobile, and distributed applications. Experienced in software architecture, backend and frontend development, infrastructure, observability, and AI integration, working across the entire application lifecycle from implementation to production deployment.

SKILLS & TECHNOLOGIES

- **Languages:** TypeScript/JavaScript, Go, SQL, Shell Script
- **Backend & Architecture:** REST APIs, DDD, SOLID, Clean Architecture, Monorepos, Testing
- **Frontend & Mobile:** React, React Native, Vue.js
- **Messaging:** RabbitMQ, BullMQ, Redis
- **Databases:** PostgreSQL, MySQL, MongoDB, SQLite
- **AI & Integrations:** LLMs, MCP, RAG
- **Observability:** Grafana, Prometheus, Loki, Sentry, Bugsnag
- **DevOps:** Git, Docker, Nginx, CI/CD, Linux (System Administration)
- **Cloud:** AWS (S3, Secrets Manager), Google Cloud (Cloud Storage)

EXPERIENCE

- **Pagana** Remote / Brazil
Software Engineer *Jun 2025 – Present*
 - **Pagana Flow:** Sales platform developed for GAV Resorts, covering the entire sales workflow from customer acquisition to timeshare sales, including complex business rules and third-party integrations.
 - **Invoice Delivery System:** System for generating and delivering invoices via email, using BullMQ for asynchronous processing and Maileroo for high-volume email delivery.
 - **AI-powered Customer Service Platform:** Multi-user customer service platform with integrated AI to assist operators, automate responses, and improve customer support efficiency.
 - **Database Modeling:** Relational database modeling, migration development, SQL query optimization, and schema evolution using Knex and Drizzle ORM.
 - **Infrastructure & Observability:** Application deployment using Docker and Nginx, monitoring with Grafana, Prometheus, Loki, and Bugsnag, as well as deployment and maintenance of Linux-based production environments.
- **Alerta Virtual** Goiânia, Brazil
Software Engineer *Nov 2020 – Jun 2025*
 - **Vehicle Tracking Platform:** Backend and mobile application development for vehicle tracking, remote locking, and unlocking using Node.js and React Native.
 - **Control Desk:** Omnichannel customer service platform integrating WhatsApp and social media, supporting multiple agents, messaging queues, company-specific routing, and AI-powered features.
 - **Bots & Integrations:** Development of bots and integrations with WhatsApp and Telegram APIs for customer service automation and notifications.

EDUCATION

- **Faculdade Delta** Goiânia, Brazil
Bachelor's Degree in Information Systems *2019 – 2022*

QUALIFICATIONS

- English (B2)
- Experience with distributed systems and high-concurrency applications