

Cristóbal Valladares

Backend Developer · PHP & Go · Databases and systems that hold up under pressure

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SUMMARY

Backend developer focused on databases and robust systems. 1 year and 8 months building an enterprise ERP in production: queries over 1,000,000+ records, response times under 2 seconds, multi-database architectures and cross-country APIs. Currently building microservices in Go and going deeper into concurrency and distributed systems.

EXPERIENCE

Full Stack Developer — Kudos (ERP Startup)

November 2024 – Present (1 yr 8 mos) · Chile, Remote

- Designed SQL queries that efficiently process over 1,000,000 records through indexing and optimized joins.
- Developed a PHP backend architecture with consistent response times under 2 seconds.
- Contributed to a distributed transaction coordinator that syncs 5+ databases with atomic rollback.
- Co-developed a REST API with JWT authentication for real-time electronic invoicing sync between Chile and Spain (SII integration).
- Implemented a bank reconciliation system with automatic/manual matching (N:M relationships) and configurable per-bank imports.
- Helped build a complete accounting module with its business rules and migrate modules from PHP 5.6 to PHP 8.x.
- Integrated Transbank for payment processing.

Stack: PHP · Go · JavaScript · jQuery · MySQL · MariaDB · Git · Bootstrap

Developer — Colegio Marcela Paz

July 2024 – November 2024 · Concepción, Chile · Hybrid

- Implemented Google API integrations that automate data synchronization for 200+ users, eliminating manual entry.
- Built a strategic planning system with Java and Spring Boot.
- Contributed to RESTful API design and database modeling with PostgreSQL.

Stack: Java · Spring Boot · PostgreSQL

PROJECTS

LaraVentas — Multi-tenant SaaS ERP with global-scope isolation, auditing and realtime notifications. Live demo. Laravel · Inertia · Vue · MySQL · Docker — github.com/tovalh/LaraVentas

notif_service — Real-time notification microservice over WebSocket, with HMAC-signed tokens and polling fallback. Go · MySQL · Docker — github.com/tovalh/notif_service

micro-status — Service health monitor with flap filtering and Telegram/email alerts; one goroutine per service. Go · Docker — github.com/tovalh/micro-status

FinMail — Reads bank emails, parses transactions and categorizes them with AI that learns and stops querying the model. Java · Spring Boot · PostgreSQL · Gemini — github.com/tovalh/finmail

EDUCATION

Computer Science Engineering — Universidad Andrés Bello

2025 – Present

Associate Degree in Computer Science — Universidad Técnica Federico Santa María

2023 – 2024

SKILLS

Backend: PHP · Go · Java / Spring Boot · JavaScript | **Databases:** MySQL · MariaDB · PostgreSQL | **Tools:** Laravel · Docker · Linux · Git · Postman · Tailwind CSS · Bootstrap

Certification: EF SET English Certificate 78/100 (C2 Proficient) · 2023 | **Languages:** Spanish (native) · English (C2)