CLARENCE MARTINEZ

Senior Backend / API Engineer • PHP (Laravel) • Python (FastAPI) • MySQL • AWS • Payments
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PROFESSIONAL SUMMARY

Senior software engineer with 14+ years designing and delivering backend systems, REST APIs, and data-heavy CRM/ERP platforms using PHP (Laravel/CodeIgniter), Python (FastAPI), and MySQL/PostgreSQL. Strong in API architecture, SQL optimization, and building maintainable, production-ready solutions. Experience integrating payment gateways (Stripe/PayPal) and supporting Shopify storefront/theme customization and API workflows. Proven track record delivering enterprise solutions across telecom, retail, logistics/transportation, tax resolution, real estate, and education.

SELECTED IMPACT

- Optimized critical SQL queries and indexing, improving key business workflows by ~35% (Telefónica del Perú).
- Built modular REST APIs and backend services in Laravel and FastAPI to support scalable, maintainable architectures.
- Delivered multi-module CRM/ERP features (workflows, validations, dashboards, reporting) for enterprise operations.
- Integrated payments (Stripe/PayPal) and supported Shopify customization and API-based integrations.

CORE COMPETENCIES

- Backend Engineering & REST API Design
- Python Microservices (FastAPI, SQLAlchemy)
- Database Design (MySQL, PostgreSQL, SQL Server)
- Payments: Stripe & PayPal Integrations
- Documentation & Troubleshooting (Swagger/OpenAPI)
- Laravel Architecture (Laravel 10–12)
- MySQL Performance Tuning (Indexes, Query Optimization)
- Authentication / Middleware / Role-Based Access
- AWS Fundamentals, Git, Jira/Bitbucket

TECHNICAL SKILLS

Languages: PHP, Python, JavaScript
Frameworks: Laravel (incl. Laravel 12), FastAPI, CodeIgniter, Zend
Databases: MySQL, PostgreSQL, SQL Server
Tools/Tech: Git, Jira, Bitbucket, AWS, SQLAlchemy, Uvicorn, Swagger/OpenAPI
Frontend (supporting): HTML5, CSS3, Bootstrap, jQuery
Platforms: Shopify
Payments: Stripe, PayPal

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer (Backend/API Focus) — Alpine Tax Resolution | 2025
Utah, USA

- Developed a tax-related platform focused on tax declaration workflows and required IRS forms.
- Built core modules in Laravel 12 + MySQL (data modeling, business rules, validations).
- Implemented backend endpoints using Python FastAPI services to support a modular REST API architecture.

Full-Stack PHP Developer (Backend Focus) — Telefónica del Perú | 2020–2024
Peru

- Built and enhanced CRM/Inventory platform components using Laravel/CodeIgniter and MySQL.
- Developed REST APIs, dashboards, and workflow automation to support internal operations.
- Optimized SQL queries and indexing, improving key workflows by ~35%.

Full-Stack Developer — Corporation AYO | 2018–2020

Peru

- Developed mentoring/evaluation platform features, analytics dashboards, and real-time chat functionality.
- Implemented encrypted modules and improved stability across core user flows.

Project Leader / Full-Stack Developer — Sodimac, Belmont, IncaRail, Cinepapaya (Consulting Projects) | 2013–2017

Peru

- Delivered KPI dashboards, ticketing systems, ERP integrations (JDE), and B2B extranets.
- Managed end-to-end delivery across multiple clients: requirements, development, QA support, and release coordination.

SELECTED PROJECTS

Geo Locations API (Python/FastAPI)

- Microservice for GeoGo: REST API (FastAPI, MySQL, SQLAlchemy, Uvicorn) to register/query geolocation data with Swagger/OpenAPI documentation.

GeoGo (Attendance Platform)

- Geolocation-based attendance with radius validation and multi-company scheduling.

Illayrun Intranet

- Multi-branch transportation and cargo management system.

TaxLabPro

- IRS form automation (PDF generation, workflows, intake).

Masterhouse

- Real estate CRM / property listing management platform (Laravel, MySQL).

Factusof / Gestisof / Medicalsof

- ERP/billing and invoicing systems (Laravel, MySQL).

Shopify + Payments

- Shopify theme/storefront customization and payment integrations (Stripe/PayPal) via API-based workflows.

EDUCATION

B.S. Systems Engineering — Telesup University

Training: iOS/Android Apps; Database Developer (UNI)

AVAILABILITY

Immediate • W2 or Contract • On-site (Utah), Hybrid, or US-Remote