

BRIAN GONZALEZ

SOFTWARE ENGINEER | BACKEND DEVELOPER



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TECHNICAL SKILLS

- Backend:** PHP/Laravel (4+ yrs) | REST API Development | LAMP Stack | Laravel Filament | LTS Admin Panels | Laravel Excel | FakerPHP | Spatie (Laravel Permission) | JSON Web Token (JWT) | Microservices | MVC | Event-Driven Architecture
- Databases:** MariaDB/MySQL | SQLite/PostgreSQL | SQL Optimization | MongoDB | Redis
- Testing | DevOps | Tools:** Git/GitHub | Docker | PHPUnit (Testing) | Xdebug | Jira | phpMyAdmin | Bash/Linux | Swagger (API Documentation) | Postman
- Frontend:** HTML5/CSS3 | JavaScript (ES6+) | Bootstrap 5
- Methodologies:** Agile development | distributed teamwork | Scrum | CI/CD | TDD
- Other Skills:** Technical Writing (API docs, user guides) | Linux Sysadmin (Bash, cron, Nginx) | Agile Leadership (Scrum facilitation) | Mentoring (Onboarding engineers) | Cloud Basics (AWS EC2/S3 deployments)

EDUCATION

Computer Science Engineer

Bachelor in Computer Science Engineering - University of Computer Sciences (UCI)
2022

LANGUAGES

- Spanish (Native)
- English (B2 - Technical Proficiency)

INTEREST

- Continuous Learning | Cybersecurity | Open-Source Software | Reading | Writing | Chess

PROFESSIONAL PROFILE

Computer Science Engineer with (4+) years of experience in backend development using Laravel/PHP ecosystem. Proven track record in creating REST APIs, electronic payment systems, implementing security modules and improving business productivity. Successfully delivered (15+) production applications with (99.7%) uptime. Expert in optimizing LAMP stack, Docker and databases with strong troubleshooting capabilities, algorithms, and data structure. Good ability to adapt and fast learning. Passionate advocate of free software, advanced Linux user and open source contributor.

PROFESSIONAL EXPERIENCE

TecnoFact

Mexico (Remote) | Jan 2025 - Jun 2025

- Developed and optimized** an electronic payment gateway processing 5,000+ daily transactions, integrating **CFDI/XML** (stamped invoices [timbre fiscal] and **CSD**) with automated **Laravel Excel** reports.
- Debugged and fixed critical bugs** in legacy systems, reducing payment errors by 30%.
- Built 22 RESTful API endpoints** with **Swagger docs** and **PHPUnit** tests (85% code coverage).
- Containerized environments** with **Docker**, slashing new dev setup time by 70%.
- Designed admin dashboard (Laravel Filament)** for real-time fraud detection and transaction tracking.
- Agile workflows:** Managed tickets via **Jira + GitFlow**, achieving 95% on-time delivery.
- Testing:** Validated APIs with **Postman** and email reports via **Mailtrap**.

Proyecto Espacios

Havana, Cuba | Jul 2023 - Aug 2024

- Architected modular ERP system** with Laravel REST API serving 3 business units (warehouse, production, HR), centralizing data from local databases (accounting, inventory) and third-party software (**eTES**).
- Developed web application** to automate material cost reports, reducing manual processes by 40% via **Laravel Excel** exports and integrations with HR/payroll systems.
- Led ERP implementation** (Datys **eTES**), training 15+ staff and customizing workflows for accounting/data synchronization.
- Built responsive admin panels** with **Bootstrap 5** and **Laravel Filament** for real-time production tracking and reporting.
- Automated testing with PHPUnit**, covering 60% of critical logic to ensure system stability.
- Deployed via Docker**, streamlining environment setup and ensuring cross-team consistency.

Desoft

Havana, Cuba | Jan 2023 - Jun 2023

- Optimized government payment systems** achieving 99.5% uptime through query optimization, Redis caching, and transaction monitoring (tech stack: **Laravel, MySQL**).
- Developed banking security module** using **Laravel Sanctum**, reducing 90% of credential stuffing attacks via JWT authentication and rate-limiting.
- Maintained and enhanced** a confidential payment platform (NDA-protected), optimizing transaction processing speed by 35% and Voyager-based admin panels.
- Full-stack development** in a multidisciplinary team, focusing on backend systems (APIs, databases) and custom **Bootstrap** themes for Voyager monitoring interfaces.
- Implemented real-time alerts** for payment failures and security breaches in the admin dashboard.

Telematics Development Center (UCI)

Havana, Cuba | 2021 - 2022

- Developed CMS vulnerability scanner** detecting 80% of common security flaws (WordPress, Joomla) with **Laravel** backend and **Vue2** frontend, later integrated as a scalable module into a broader cybersecurity platform.
- Engineered Docker-based deployment** for the scanner, reducing environment setup time by 50% and enabling cross-team adoption.
- Built internal security tools** with **Laravel + Bootstrap**, boosting team productivity by 30% through automated vulnerability reporting.
- Implemented PHPUnit tests** covering 100% of critical components, ensuring reliability in production environments.
- Designed modular architecture** to allow future integrations with OWASP ZAP and Nessus APIs.