

Jorge Garcell

Laravel Full-Stack Developer Palisades Park, NJ 07650

Email: jagarcell@gmail.com

Phone: +1 786 200 2117

Website: <https://www.patmel.com>

LinkedIn: <https://www.linkedin.com/in/jagarcell>

GitHub: <https://www.github.com/jagarcell>

Summary

Full-stack Laravel developer with 7+ years of PHP/Laravel experience and 30+ years of web software development. Hands-on expertise in AI-assisted (agentic) development workflows, leveraging LLMs to accelerate software delivery and automate complex coding tasks. Sole developer and long-term maintainer of a large-scale curriculum management SaaS platform used by 500+ schools across the U.S. Strong expertise in Laravel, MySQL, AWS, Livewire, REST APIs, and complex data workflows. Experienced in Agile/Scrum, devops on AWS EC2, and integrating third-party APIs. Bilingual: English/Spanish.

Technical Skills

Backend: Laravel / PHP (PHPUnit, Pest), MySQL, REST APIs, Eloquent ORM, Redis, Services, Repositories, SaaS, Business Logic, Symfony (basic), Python

Frontend: Livewire, JavaScript, jQuery, VUE, React, HTML5, CSS3, SPA development

DevOps: AWS EC2, Linux/Ubuntu, Docker, NGINX, Git/GitHub, LEMP stack

AI-Assisted Development & Tooling:

Agentic workflows (multi-step AI task orchestration)

Prompt engineering for code generation

Agentic workflows (multi-step AI task orchestration)

AI pair programming (GitHub Copilot, LLM APIs)

Codebase navigation & refactoring using AI agents

Other: Agile/Scrum, Jira, Figma, Browserstack, JSON, Swagger/OpenAPI, Webflow, OOP, Software Architecture, Unit Testing.

Professional Experience

BurakoBoard – AI-Assisted Real-Time Game Platform

Personal Project | <https://github.com/jagarcell/BurakoBoard>

Jan 2026 - Present

- Designed and built a real-time multiplayer scoring platform using Laravel, WebSockets (Reverb), and Pusher
- Implemented full game lifecycle management including team creation, invitations, round scoring, and automated win detection
- Developed a dynamic scoring engine with configurable rule sets (mutual exclusivity, score overrides)
- Engineered real-time collaboration with event-driven architecture to synchronize game state across clients
- Integrated authentication using Laravel Breeze, Sanctum, and social login (Apple Oauth)
- Applied agentic AI-assisted development workflows to design, generate, and iteratively refine application features
- Leveraged AI tools (LLMs, Copilot-style assistants) to automate code scaffolding, debugging, and architectural decisions
- Accelerated development cycles through multi-step AI-driven coding and refactoring processes

Full-Stack Laravel Developer

Digital Yalo, Inc. — Remote

May 2022 – Nov 2025 - Lead developer and sole maintainer of a large SaaS

Laravel/Livewire web application serving **500+ Primrose Schools** across the U.S. - Built the entire **authentication and user management system** using Laravel Jetstream during project kick-off. - Established Livewire as a core framework for the application's front-end architecture and built numerous **Livewire components** powering dynamic, reactive interfaces across the Teacher and CMS areas, including nested components, dynamic forms, real-time updates, modal workflows, and interactive UI elements. - Introduced and enforced the use of **Repository classes** to encapsulate data access logic, along with **interfaces** to ensure clean contracts, improved testability, and maintainable architecture across the codebase. - Implemented **Service classes** to separate business logic from controllers, promoting cleaner, more maintainable code. - Defined and enforced **coding standards and best practices**, including controller/service separation, naming conventions, and code review guidelines. - Improved deployment reliability by managing and refining **AWS EC2 deployment workflows**, including environment configuration, zero-downtime update routines, and automated maintenance tasks. - Performed **performance optimizations**, including MySQL query tuning, indexing strategies, caching layers, and reducing unnecessary data loads to improve app responsiveness and scalability. - Utilized **Laravel Forge** for server management, deployments, SSL provisioning, and environment orchestration. - Implemented **queued jobs** for background processing of heavy tasks such as media handling, data sync operations, and scheduled content updates. - Created and managed **scheduled console commands** to automate tasks such as pre-caching curriculum content during off-hours to reduce daytime load and improve user experience. - Performed **performance optimizations**, including MySQL

query tuning, indexing strategies, caching layers, and reducing unnecessary data loads to improve app responsiveness and scalability. - Established Livewire as a core framework for the application's front-end architecture and built numerous **Livewire components** powering dynamic, reactive interfaces across the Teacher and CMS areas, including nested components, dynamic forms, real-time updates, modal workflows, and interactive UI elements. - Worked in an Agile/Scrum team of seven developers during the initial six-month development phase. - After team downsizing, became the **sole developer for 3+ years**, responsible for all new features, maintenance, and deployments. - Designed and implemented a **server-to-server data synchronization system** between Beta and Production environments. - Developed a **dynamic drag-and-drop lesson scheduling engine** that allows schools to customize franchise curriculum content. - Built a **global floating media player** with draggable UI and persistent playback across app navigation. - Maintained both the **Teacher SPA** and the **CMS backend** used by headquarters to manage curriculum content. - Created numerous advanced **MySQL queries**, optimizing complex data-driven workflows. - Managed **AWS EC2 infrastructure**, light devops, monitoring, and deployment processes.

Web Developer / AWS Administrator (Umbraco)

Digital Yalo, Inc. — Remote

May 2022 – Nov 2025 - Maintained and extended an existing **Umbraco ASP.NET website** inherited from another agency. - Set up the **AWS EC2 hosting environment** and migrated the site. - Implemented new features, content changes, and client-requested enhancements.

Python Developer – Analytics Integrations

Digital Yalo, Inc. — Remote

Sep 2025 – Nov 2025 - Developed an automated **Facebook + LinkedIn analytics ingestion pipeline** into Google BigQuery using Python. - Built secure OAuth workflows, scheduled jobs, and error-resilient ingestion logic.

Freelance Developer

Patmel LLC — Palisades Park, NJ

Jan 2018 – Apr 2022 - Full-stack development of custom websites and web applications for small-to-medium clients. - Requirements gathering, UI/UX layout, backend development, hosting setup, and maintenance.

CEO / Owner

Micro Data Systems — Venezuela & U.S.

Mar 1985 – Jan 2018 - Managed business operations, workforce, product import logistics, and internal software development. - Designed and maintained LAN networks and performed client technical support. - Built custom desktop applications for internal operations.

Education

Bachelor of Science in Electrical Engineering

Rafael Urdaneta University, Venezuela
1979 – 1984

Languages

- **English — Fluent**
- **Spanish — Native**