

Vitaliy Artyukh

Full-Stack Engineer (Laravel + Vue)

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Summary

Full-Stack Engineer with 12+ years of experience building scalable, real-time web applications using Laravel and Vue 3. Skilled in designing reactive architectures, developing RESTful APIs, and integrating complex front-end UI systems. Experienced in implementing complex business logic for high-load systems, with strong focus on performance optimization, clean code, automated testing, and maintainability.

Core Skills

Frontend: Vue 3, JavaScript (ES6+), HTML5, CSS3, SCSS, Ag-grid, Element Plus, Vite, Webpack, IndexedDB, Leaflet

Backend: Laravel, PHP 8+, REST API, MySQL, Redis, WebSockets

Tools & DevOps: Git, Docker, CI/CD, Linux, Nginx, Composer

Other: performance optimization, real-time apps, data caching, payment systems integration, OpenAI API

Experience

- **INFUSE — Full-Stack Developer (Vue + Laravel)**

May 2017 – October 2025 (8 years 6 months) • Remote (Boston, USA)

Built and maintained Vue-based dashboards with real-time data updates and complex filtering.

Implemented IndexedDB offline storage and WebSocket real-time updates to improve responsiveness.

Integrated Ag-Grid for large-scale data tables and analytics views.

Developed backend features in Laravel, improving API response time by 30%.

- **First Jewelry — Full-Stack Developer**

Sep 2015 – May 2017 (1 year 9 months)

Developed full-stack eCommerce platform (Laravel + Vue).

Integrated 1C, payment systems, dynamic discount engine.

Designed admin panel and user interfaces for internal management tools.

- **Kafehost — Full-Stack Developer**

Apr 2014 – Sep 2015 (1 year 6 months)

Developed and delivered multiple client projects end-to-end using Laravel and custom front-end solutions.

Designed reusable UI components, optimized database performance, and collaborated with clients to implement tailored business features.

- **TRAUS** — Full-Stack Developer

Mar 2013 – Apr 2014 (1 year 2 months) Mykolaiv, Ukraine

Developed CRM-style applications for industrial clients.

Integrated internal APIs and improved UX for legacy systems.

- **Oostmarkt** — PHP Developer

Aug 2012 – Feb 2013 (7 months) Mykolaiv, Ukraine

Implemented backend functionality and custom admin panels in PHP and MySQL.

Created modules for product management and reporting.

- **GeeksForLess** — Frontend Developer

Oct 2010 – Aug 2012 (1 year 11 months) Mykolaiv, Ukraine

Worked on **frontend development** focused on building responsive and accessible web interfaces. Collaborated closely with designers and backend developers to deliver adaptive, SEO-optimized layouts integrated with server-side logic.

Improved project performance and user experience by enhancing UI interactivity and ensuring cross-browser compatibility.

Projects

- **INFUSE** — B2B demand generation platform | <https://lv.infuse.com>

- Developed responsive and high-performance web applications using Vue

- Built scalable backend solutions and APIs with Laravel

- Designed and implemented secure and efficient data APIs

- Integrated IndexedDB for offline data storage, enhancing reliability and performance

- Customized and implemented AG Grid for advanced data visualization and management

- Migrated the application to **Vue 3**, leveraging its improved features and performance, which resulted in a **25% increase in overall frontend efficiency**.

- Enabled real-time data updates with WebSockets for a highly responsive user experience

- **Cartanera** — Online Multiplayer Board Game | <https://cartanera.net>

Developed a real-time multiplayer strategy game using **Laravel 12**, **Vue 3**, and **WebSockets**, featuring deterministic deck and board generation with seed-based algorithms.

Implemented a **reactive game state architecture**, **event-driven synchronization**, and a

custom scoring system with efficiency and ranking metrics and **automated deployment via GitHub Actions**.

- **Let's Plant** — letsplant.org
Vue.js, Leaflet, Laravel API — Developed interactive environmental map with live data visualization.
- **my-uvelir** — Online Store: Laravel, Vue.js, 1C Integration, Full-stack eCommerce solution with payments, discounts, and admin panel.
- **ZolotoDM** — zolotodm.ru, lombardd.ru: Laravel, Vue.js — Developed full site architecture and exchange rate API integration.
- Educational Testing Platform that teaches unit testing through automated code evaluation and an AI-powered assistant.
It uses thread-based test execution with real-time feedback and gamified progress tracking to make learning interactive and engaging.
- **NIBULON** — Agricultural company | <http://nibulon.com>
Developed and maintained the company's website, implementing new features and ensuring stable performance.
- **open-source Laravel dashboard panel** package, featuring modular architecture, reusable components, and API-driven data visualization, **designed as an installable Laravel package**
- other projects

Education

National Shipbuilding Institute (Ukraine)

Specialist in Automation and Control of Electromechanical Systems (2006–2011)

Additional Information

Languages: English (Intermediate), Ukrainian (Native), Russian (Native)

Interests: UI engineering, gamified systems, real-time data visualization, Lego