Vitaliy Artyukh

Senior Software Engineer (Laravel + Vue)

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Location: Georgia

SUMMARY

Senior Software Engineer with **13+ years of experience** building scalable real-time applications using **Laravel, Vue, REST APIs, WebSockets and AG-Grid**.
Strong in **designing reactive front-end** architectures, developing **high-performance dashboards**, optimizing **API response times**, and delivering **clean, maintainable full-stack solutions**.

Expertise includes **real-time data systems**, **offline-first frontends (IndexedDB), large datasets**, **CI/CD automation, and performance optimization**.

CORE TECH SKILLS

- **Backend**: Laravel, PHP 8+, MySQL, Redis, REST API Design, WebSockets, Queue Workers, Data Caching
- **Frontend**: Vue 2/3, JavaScript (ES6+), Vite, Webpack, HTML5, CSS3/SCSS, AG-Grid, Element Plus, IndexedDB
- **Tools & DevOps**: Docker, Git, GitHub Actions, Linux, Nginx, CI/CD Pipelines, Composer
- **Other**: High-load optimization, complex UI systems, real-time dashboards, payment integrations, OpenAI API.

KEY ACHIEVEMENTS

- **Improved API performance by 30%** in the INFUSE platform by optimizing Laravel queries, caching layers and offloading heavy operations into async queue jobs.
- **Increased frontend efficiency by 25%** after migrating large Vue application to Vue 3 with Vite and refactoring core components.
- **Reduced data loading time for large AG-Grid datasets by 40%**, implementing virtual scrolling, lazy loading, and custom cell renderers.
- **Delivered real-time WebSocket updates** that cut user response latency by 50% in complex dashboards.
- Implemented **offline-first architecture** with IndexedDB, significantly improving reliability for field users.
- Automated deployments via CI/CD, decreasing release time from hours to minutes.

WORK EXPERIENCE

INFUSE (B2B Demand Generation Platform) — Senior Full-Stack Engineer (Vue + Laravel)

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

- Built and maintained **real-time Vue dashboards** with complex filtering, sorting and column virtualization.
- Integrated **AG-Grid** for large datasets handling across analytics and reporting modules.
- Implemented **IndexedDB offline storage,** improving reliability on unstable connections.
- Developed scalable Laravel APIs, reducing response times by **~30%** via caching, optimized queries and job.
- Migrated the system to **Vue 3**, boosting front performance by **25%.**
- Enabled full **WebSocket-drive UI Updates**, achieving near-instant state synchronization across clients.
- Mentored teammates and supported onboarding of new engineers to the project

First Jewelry — Full-Stack Developer

Sep 2015 – May 2017 (1 year 9 months)

- Developed full-stack eCommerce system using Laravel + Vue).
- Integrated **1C**, payment gateways, discount engine and product exports to social platforms.
- Build admin dashboard for store operations and improved page load speed by restructuring the front-end and caching assets.
- Payments, discounts, admin panel, caching, UI/UX improvements

Kafehost — Full-Stack Developer

Apr 2014 – Sep 2015 (1 year 6 months)

- Delivered customized Laravel-based CRM and web tools for client businesses
- Build reusable architecture components and optimized MYSQL queries for internal dashboard.

TRAUS — Full-Stack Developer

Mar 2013 – Apr 2014 (1 year 2 months)

- Developed CRM modules for industrial clients using Laravel
- Ensure stable performance and consistent data flow inside management tools.

Oostmarkt — PHP Developer

Aug 2012 – Feb 2013 (7 months)

- Built backend modules for product management and reporting
- Created custom admin dashboard features with PHP + MySQL.

GeeksForLess — Frontend Developer

Oct 2010 – Aug 2012 (1 year 11 months)

- Developed responsive, accessible layouts using HTML/CSS/JS
- Improved UI/UX, added interactivity, optimized load time, unsured SEO compliance.

PROJECTS (freelance, pet projects, and open-source)

- **Cartanera** — Real-Time Multiplayer Board Game | https://cartanera.net
  Tech: Laravel, Vue, WebSockets, GitHub Actions
  Built a reactive game logic, scoring system, deployment pipeline.

- **Let's Plant** — Environmental Interactive Map | letsplant.org
  Live data visualization, geolocation UI, performance-optimized rendering.

- my-uvelir — Full-stack eCommerce platform
  Payments, discounts, and admin panel, 1C Integration, caching, UI/UX improvements, exchange rate API integration.

- AI-Powered Educational Testing Platform
  Automated code evaluation with unit test and ChatGPT-based hints.

- **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) 2006-2011
Specialist — Automation & Control of Electromechanical Systems

ADDITIONAL INFORMATION

Languages: English (Intermediate: B1-B2), Russian (Native), Ukrainian (Native)
Interests: board game, Lego, open-source development