



Arber Shumolli

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Profile

Innovative and adaptable Software Engineer with over 7 years of professional experience building scalable web applications and distributed systems. Specialized in PHP, Laravel, Vue.js, and MySQL, with proven experience developing and maintaining Node.js and TypeScript-based services in microservices architectures. Strong advocate of Test-Driven Development (TDD) and experienced in Agile and Scrum environments. Proficient in designing systems for high availability and performance, with deep understanding of object-oriented programming (OOP) and design patterns. Skilled in integrating third-party APIs, building RESTful services, and optimizing back-end operations with tools like Redis and queue-based architectures. Known for strong communication, collaborative mindset, and delivering business-focused features at scale.

EXPERIENCE

Independent Full-Stack developer

- Founder & Developer
- Product Developer - CQMS Inspektimi.com
- Currently building an end-to-end hotel booking platform (B2B / B2C), owning the full stack from product and UI through to deployment and server management.
- Software Developer – Personal Projects

Full-Stack Engineer (Part-time), Social Studio - Paris, France

Mar 2026 to Sep 2026

- Engaged by a French company to take over an existing Laravel-based CRM used to plan and manage events on behalf of multiple client companies.
- Inherited a live codebase and left a significant mark, driving wide-ranging improvements to code quality, stability, and performance.
- Delivered full-stack engineering across the backend (PHP / Laravel) and the frontend, shipping new features and refactoring legacy modules.
- Owned server configuration, deployment, and hosting, keeping the application running reliably in production.
- Provided ongoing production support and acted as a technical consultant, advising the client on technical direction and priorities.
- Worked part-time over six months and delivered throughout; the client was highly satisfied with the improvements, reliability, and overall quality of the work.

Software Engineer, Everli S.p.A - Milan, Italy

Oct 2021 to Present

- Played a key role in building and enhancing features across the platform using Laravel, Vue.js, and modern JavaScript frameworks.
- Integrated third-party services for analytics, marketing automation, and customer engagement at scale.
- Contributed to service migration efforts from monolith to Node.js + TypeScript-based microservices, enhancing scalability and maintainability.
- Collaborated across squads and functions (design, QA, product) through Agile ceremonies including standups, sprint planning, retrospectives, and peer code reviews.
- Contributed to performance improvements using tools like Redis, optimized database queries, and ensured code quality via TDD practices.
- Actively participated in cross-team knowledge sharing and applied best practices in scalable backend development, including API design, authentication (JWT), and asynchronous processing.

Software Engineer, dietz.digital - Wiesbaden, Germany

Aug 2019 to Oct 2021

- Contributed as a full-stack developer on an advanced Product Management System designed for multi-tenant environments.
- The platform enabled companies to manage and generate product data efficiently, offering extensive customization and dynamic output capabilities.
- Developed and maintained frontend features using JavaScript, Vue.js, CSS, Bootstrap, and backend functionality with PHP and Laravel.
- Built a fully dynamic, customizable system with user management, including role-based access control, multi-tenant architecture supporting isolated environments for each client, tools to generate custom output containers in formats like .pptx, .pdf, and image converters, editable email templates and headers to support personalized communications.

Arber Shumolli - Software Engineer

- Collaborated with project managers to identify performance bottlenecks and implement optimizations.
- Extended and documented internal PIM & DAM APIs, ensuring ease of integration for future use cases.

Full Stack Engineer, Headz Agency - Zurich, Switzerland

- Developed web applications for Headz Agency GmbH in Switzerland.
- Conducted project feasibility analysis and implemented new features.
- Maintained and improved existing web applications for the agency.

PROJECTS

Hotel Booking Platform (B2B / B2C) - soon to be live

A hotel booking and B2B travel-agency platform for the Albanian coast market, currently in active development and owned end to end from concept through to production operations.

Key features:

- Three audiences served from a single codebase: a public B2C booking site, a logged-in customer area, and a B2B travel-agency portal, alongside a custom admin panel.
- Hotel search by check-in / check-out dates with availability, hotel and room detail pages, and destination landing pages with image galleries.
- Net plus markup pricing engine, so one rate set drives both direct retail prices and per-agency B2B pricing.
- Full booking lifecycle with a status workflow and status history, internal booking notes, and cancellation handling.
- B2B agency portal with agency dashboard, search, booking on behalf of clients, client management (CRUD), and a downloadable agency price list.
- Admin panel covering hotels, rooms, rates, agencies, special offers, and stop-sales, plus image galleries with drag-to-reorder and cover selection.
- Payment recording against bookings and booking export for back-office reporting.
- Authentication via Laravel Fortify with two-factor authentication, passkeys, and Google social sign-in (Socialite).
- Bilingual UI (Albanian default / English) with locale switching.
- Media stored on S3-compatible object storage via Flysystem.
- Full ownership of hosting, deployment, and server management as part of end-to-end delivery.

Tech stack: PHP 8.3 · Laravel 13 · Inertia.js v3 · Vue 3 · Tailwind CSS v4 · Vite · TypeScript · Laravel Fortify · Socialite · Wayfinder · Flysystem (S3) · Pest

app.socialstudio.fr

Social Studio - Event management CRM (France)

A Laravel-based CRM web application used to plan and manage events on behalf of multiple client companies. Took over an existing, live codebase and reworked it into a more stable, performant, and maintainable platform.

Highlights:

- Took ownership of an inherited Laravel project and delivered wide-ranging improvements to code quality, stability, and performance.
- Full-stack development across the backend (PHP / Laravel) and the frontend, shipping new features and refactoring legacy modules.
- Multi-company event management: organising and tracking events for several client businesses within a single system.
- Server configuration, deployment, and hosting for reliable production operation.
- Ongoing production support and technical consulting for the client throughout the engagement.

Tech stack: PHP · Laravel

inspektimi.com

CQMS - Construction Quality Management System

Start to finish implementation & ideator of the project

A full-stack multi-tenant SaaS web application for managing construction projects, built with Laravel 12, Inertia.js v2, and Vue 3.

Key features:

- Hierarchical project structure: Projects → Buildings → Floors → Apartments/Units/Areas
- Quality inspection workflow with checklist templates and inspection results
- Issue tracking with photo attachments and status management
- Contractor and supplier (furnitor) management
- Materials tracking per project
- Staff management with role-based access control (Spatie Permissions)
- Leave request management with approval workflow
- Time entry tracking

Arber Shumolli - Software Engineer

- Notes system per project/entity
- Push notifications (Web Push / PWA)
- Multi-tenancy via Spatie Laravel Multitenancy
- SMS integration via Twilio
- Bilingual UI (English / Albanian)
- PWA-ready with pull-to-refresh and mobile-first responsive design

Tech stack: PHP 8.4 · Laravel 12 · Inertia.js v2 · Vue 3 · Tailwind CSS v4 · Spatie Permission · Spatie Multitenancy · Twilio · WebPush · Pest · Vite

admin.endritieea.com

A full-stack web application for managing construction projects, buildings, and apartments. Key features include:

- Building & Apartment Management - Track multiple buildings with status workflows (started / on hold / finished), manage apartments with floor, area, ownership, and notary contract details
- Materials & Cost Tracking - Log materials per apartment with quantity, price, and supplier; track general works costs with aggregated financial reporting
- Daily & General Reports - Generate and manage site progress reports per building with a timeline view
- Role-Based Access Control - Granular permissions system with custom roles for admin users
- Client Portal - Tokenized public-facing apartment pages allowing owners to view their apartment's status, materials, and images securely
- Contractor & Supplier Management - Maintain records of contractors and suppliers linked to project activities
- Comment & Snag List - Track unresolved issues and notes per apartment with completion status
- Dashboard Analytics - Real-time statistics on buildings, apartments, material costs, and open comments
- Secure Authentication - Fortify-powered auth with two-factor authentication (2FA) support
- Multilingual UI - Albanian-language interface with locale switching

everli.com

- Built and enhanced features using Laravel, Vue.js, and modern JS frameworks.
- Integrated 3rd-party tools for analytics, marketing, and user tracking.
- Led development of Plus subscription payments via secure microservice.
- Implemented GDPR-compliant CMP integration.
- Translated Figma/InVision/Abstract designs into responsive UI.
- Created a back office admin panel for internal task management.
- Managed Retail Ads component and dynamic brand content.
- Led Cashbacks project, offering discounts on selected products.
- Contributed to migration from monolith to Node.js + TypeScript microservices.
- Improved performance with Redis, optimized queries, and TDD.

suiviauto.arbershumolli.com

- Implementation of Stripe payments,
- Implementation of payment gateway by UPC which is the main partner for developing the payment processing tools for Raiffeisen Bank
- Calls to different API's to gather data for the given vehicle and processing the data to build a seamless, good looking PDF design to send it over to our customers and much more
- Usage and configuration of CRM tools to organize, record, and enable different actions with our customers to increase sales and enhance a better user experience
- User authentication and authorization in a safe and secure way using best practices and social sign up providers
- Hosting and server configuration to ensure a 24/7 uptime, deploying robust hosting and server infrastructure, ensuring seamless performance and continuous access for all users across multiple regions.

rent.arbershumolli.com

- A web application designed and developed independently to simplify car and villa rentals through a seamless digital experience.
- Managed the full development lifecycle: concept, design, coding, hosting, and server configuration.
- Built a responsive UI using Vue.js and Tailwind CSS for a modern, mobile-friendly experience.
- Integrated social authentication for easy user onboarding.
- Implemented role and permission-based access control for secure user management.
- Developed a custom admin panel with Laravel Voyager to manage listings and content efficiently.
- Added advanced search and filtering to enhance discoverability and user experience.
- Demonstrated strong problem-solving and full-stack development skills through end-to-end delivery.

digdata.de

- Worked as a full-stack developer on a dynamic Product Management System tailored for multi-tenant use.
- Integrated Laravel Filament for a better Admin panel user-experience
- Developed frontend features using Vue.js, JavaScript, CSS, and Bootstrap; built backend functionality with Laravel and PHP.
- Implemented features like user management, role-based access, and multi-tenant architecture for isolated client environments.
- Built tools to generate custom output containers (.pptx, .pdf, image converters).
- Optimized system performance by identifying and addressing bottlenecks in collaboration with project managers.
- Extended and documented internal PIM & DAM APIs, improving integration and reusability across the platform.

SKILLS

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|----------------------|--|---------------------------|---------------------------|
| • PHP | • Laravel | • Laravel Filament | • Node.js |
| • Typescript | • Vue.js | • Nuxt | • Inertia.js |
| • Livewire | • Tailwind | • Bootstrap | • Redis |
| • MongoDB | • MySQL | • Atlassian Tools | • Artificial Intelligence |
| • AI Agents | • MCP (Model Context Protocol) | • LLM Integration | • Claude / Anthropic API |
| • Prompt Engineering | • RAG (Retrieval-Augmented Generation) | • AI-assisted Development | • Vector Databases |

EDUCATION

University of Pristina

Bachelor, 2018

Computer Engineering