

Dmytro Buriakovskyi

Senior Software Engineer

Professional Summary

Full-Stack & Systems Engineer with over **16 years** of experience designing and developing complex **web-based products and software systems**.

Strong expertise in PHP, JavaScript, and TypeScript, with extensive experience across modern **PHP and JavaScript ecosystems**, including a wide range of **backend and frontend frameworks**.

Broad experience across **databases, infrastructure, DevOps, cloud platforms**, and system performance, with a strong ability to adapt to new technologies and engineering environments. Experienced in applying **AI and LLMs** to product development, business automation, intelligent assistants, and knowledge-driven systems.

Focused on building reliable, maintainable products that **solve real business problems** and support long-term growth.

Employment History

Software Developer at BigeDirect, Denmark

Nov 2025 — Aug 2026

BigeDirect is a financial technology company providing infrastructure for global payments, stablecoin settlements, and **fiat-to-crypto conversions**.

Key responsibilities & achievements:

- Maintained and enhanced existing applications built with **Next.js and Nuxt.js**, implementing new features, resolving technical issues, and improving application stability.
- Designed and developed two new **Nuxt.js** applications from the ground up, including client-facing and administrative interfaces for managing financial operations and transactions.
- Contributed to the development of a **Go-based** transaction management and monitoring application built using hexagonal architecture.
- **Integrated payment** and financial service providers, including **Kraken, Fireblocks, OpenPayd**, and other third-party platforms, as well as cryptocurrency wallet infrastructure.
- Implemented end-to-end payment and **settlement workflows,** including transaction tracking, balance reconciliation, cryptocurrency deposits, fiat and digital-asset conversions, payouts, and webhook processing.
- Built secure backend integrations for **financial operations,** including API authentication, transaction validation, error handling, retry mechanisms, and protection against duplicated or missed payment events.

Details

Scunthorpe
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Additional Projects

Palche
DoShare
Muzlo.Online
AquaExpress

Skills

PHP

Laravel / Symfony

JavaScript / TypeScript

NodeJS / Express / NestJS

React / Vue / Angular

NextJS / NuxtJS

MySQL / MongoDB

Linux / Docker / Vagrant

Git / SVN

HTML & SASS / Tailwind

C++ / C#

Tech stack: Next.js, Nuxt.js, Vue.js, TypeScript, Node.js, Go, Docker, REST APIs, Webhooks, Socket, TailwindCSS, Fireblocks, Kraken, OpenPayd.

Company website: https://bigedirect.com/

Web Developer at Autorola, Denmark

Jan 2022 — Oct 2025

At Autorola, I was part of the **web development division** responsible for building and maintaining **large-scale digital auction platforms** for vehicle sales across international markets.

I contributed to both the **legacy Symfony-based system** and the development of a **new SPA platform** using **Next.js (React)** — designed to deliver a modern, high-performance user experience.

Key responsibilities & achievements:

- Extended and maintained the existing **Symfony** platform while helping design and implement its **Next.js-based SPA successor**.
- Developed an **enhanced admin interface** supporting **per-client customization**, enabling unique branding, configurations, and functionality from a shared core architecture.
- Participated in **architectural design**, **API development**, and **integration workflows** between backend and frontend systems.
- Implemented **real-time communication** features using **WebSockets (Socket.IO)** for live auctions and user interactions.
- Improved platform **performance and scalability** through **caching**, **load balancing**, and **database optimization**.
- Worked within a **Docker-based microservices** environment using **Redis** for caching and **Elasticsearch** for indexing and search.
- Collaborated closely with **distributed international teams**-, contributing to **engineering decisions** and **scalability planning**.
- Supported the company's strategic shift from **B2B to B2C**-, adapting the platform for **direct consumer engagement** and online vehicle sales.

Tech stack: Symfony (PHP), Next.js (React), Node.js, WebSockets (Socket.IO), Redis, Elasticsearch, Docker, Nginx, MySQL, REST APIs.

Web Developer at Softo, Remotely

Sept 2018 — Jan 2022

At Softo, I contributed to the development of an **online video and audio editor** — a full-featured **browser-based editing platform** that enabled real-time video editing directly in the browser, supporting advanced features for creators and production teams.

Key responsibilities & achievements:

- Initiated and led the **early development** of the platform, designing the **architecture**, **core modules**, and **RESTful API**.
- Started as the **sole developer**, later collaborating with a growing engineering team to expand functionality and optimize performance.
- Implemented advanced editing capabilities, including **multi-track timelines**, **frame resizing**, **cutting**, **merging**, **audio adjustments**-

, and **real-time scaling** — all within a **single-page application (SPA)**.
- Focused on **frontend responsiveness**, **cross-browser compatibility**, and **backend performance**, ensuring smooth editing even for large media files.
- Designed a **comprehensive CI/CD pipeline**, initially using **Bitbucket Pipelines** and later migrated to **GitLab CI/CD** for improved automation and reliability.
- Contributed to a **stable, scalable product** by applying strong **architectural design** and **full-stack development** principles.

Tech stack: Laravel, Vue.js, Nuxt.js, JavaScript (ES6+), REST API, HTML5, CSS/SASS, FFmpeg, MySQL, Docker, GitLab CI/CD, Bitbucket Pipelines.

Project: https://clideo.com

Web Developer at JBIDigital, London

Jan 2017 — Sept 2018

JBIDigital is a **London-based digital agency** specializing in custom web development and digital solutions.

I worked on multiple **medical and scientific projects**, focusing on **data-driven web applications** and interactive experiences for research and education.

Key responsibilities & achievements:

- Developed and maintained **data-centric web platforms** using **Laravel** and **Vue.js**.
- Built a **scientific knowledge base platform** for a confidential client in the research sector, enabling **advanced search** across a wide range of scientific studies and publications.
- Designed and optimized **backend architecture**, **data models**, and **API integrations** to ensure accurate and performant data retrieval.
- Implemented **frontend integrations** and interactive features for seamless access to research content.
- Contributed to the creation of **3D interactive visualizations** used in **molecular science presentations**, **museum exhibits**, and **academic conferences**, helping make complex data more engaging and accessible.

Tech stack: Laravel, Vue.js, Angular (1/2/5), JavaScript (ES6+), C#, Java, MySQL, HTML5, CSS/SASS.

Web Developer at FastFollowerz, USA

Sept 2015 — Aug 2016

FastFollowerz was a startup focused on **social media automation and engagement tools**, integrating with major platforms such as **Twitter**, **Instagram**, **Facebook**, **SoundCloud**, and **YouTube**.

I worked on the **backend development** of a high-traffic platform designed to manage user activity, analytics, and campaign workflows through multi-platform API integrations.

Key responsibilities & achievements:

- Developed and optimized **backend features** within a custom **PHP** and **CodeIgniter** framework.
- Integrated multiple **social network APIs** to automate and analyze engagement workflows.
- Improved **system performance** and **scalability** to handle heavy concurrent traffic and high request volumes.
- Implemented and maintained **secure data processing** and **payment workflows**, ensuring reliability and data integrity.
- Worked with **asynchronous task handling**, **scheduled jobs**, and **API-based data synchronization**.
- Strengthened experience in **scalable backend design** and **high-load optimization** for real-world production environments.

Tech stack: PHP, CodeIgniter, Custom PHP Framework, MySQL, JavaScript, REST APIs, cURL, Cron Jobs.

Web Developer at MusicMama, Remotely

Sept 2014 — Apr 2015

MusicMama was a startup created to **connect musicians, producers, clubs, and managers**, providing a collaborative network for the music industry.

I joined the project after an earlier development phase and took a **leading technical role** in completing and stabilizing the platform.

Key responsibilities & achievements:

- Maintained and extended **core platform functionality**, addressing existing issues and implementing new features.
- Optimized **system performance** and improved the overall **user experience** for better engagement and stability.
- Enhanced the **backend architecture** to support reliable data exchange and scalable user activity.
- Collaborated with designers and stakeholders to refine workflows and improve usability for musicians and industry professionals.
- Supported the platform's goal of becoming a **social and professional hub**, helping users connect, collaborate, and grow their networks.

Tech stack: PHP (Zend Framework), JavaScript, MySQL, HTML5, CSS/SASS, jQuery.

Web Developer at Multitest, Kiev

Aug 2013 — Sept 2014

Multitest was a startup that helped users **compare and choose the best Internet providers and tariff plans** available in their region.

I was part of the backend development team, focusing on **API integrations**, **data aggregation**, and **automation** to deliver accurate, real-time pricing information.

Key responsibilities & achievements:

- Integrated and parsed data from multiple provider APIs to **aggregate and normalize pricing and plan details**.

- Developed **backend logic** to structure and optimize **data flows** for fast and reliable user access.
- Automated **data collection and synchronization** using scheduled tasks and background jobs.
- Ensured **system stability and performance** through query optimization and caching strategies.
- Contributed to scaling the platform into a **high-traffic service**, handling thousands of daily requests and large provider datasets.
- Gained solid experience in **data-intensive backend optimization** and **scalable system design**.

Tech stack: PHP (Custom Framework), MySQL, JavaScript, cURL, REST APIs, Cron Jobs.

Web Developer at Scopicsoftware, USA

Jun 2012 — Feb 2013

At Scopic Software, I contributed to several ongoing **web development projects**, with a primary focus on **SferaStudio** — a **high-traffic video subtitling and editing platform** used by media companies and production teams worldwide.

The system included a **custom video player** and an **interactive subtitle editor**, enabling users to synchronize, edit, and manage subtitles directly in the browser.

Key responsibilities & achievements:

- Developed and maintained **core platform features**, ensuring reliable functionality across high-load environments.
- Optimized **backend performance** and improved **system stability** for large video workloads.
- Implemented **UI enhancements**, **bug fixes**, and **design adjustments** to refine the user experience.
- Contributed to multiple **side projects**, providing ongoing technical support and incremental improvements.
- Strengthened experience in **media processing**, **real-time editing**, and **cross-browser performance optimization**.

Tech stack: PHP (Yii, Kohana), JavaScript, HTML5, CSS/SASS, MySQL, jQuery, REST APIs.

Education

Economic and management, Economical cybernetics, Lutsk University, LGU

Sept 2006 — May 2010

★ Detailed profile

With more than **16 years** of hands-on full-stack engineering experience, I have worked on complex and high-traffic platforms, including **SaaS products**, auction systems, financial applications, **AI-powered services**, and media-processing tools.

My expertise spans backend architecture, frontend development, infrastructure automation, and product scalability. I focus on building solutions that are technically reliable, maintainable, and aligned with real business goals.

I have extensive experience designing modular architectures using **OOP, SOLID principles**, and established architectural patterns. My background includes microservice-based systems, **RESTful and real-time APIs, WebSockets, third-party integrations**, transaction processing, and reliable communication between distributed services.

I am comfortable working across the entire application stack and integrating systems built with **Laravel, Symfony, Next.js, Nuxt.js, Vue, React, Node.js, and Go**. I also design and optimize **SQL and NoSQL** data storage using MySQL, MongoDB, Redis, and Elasticsearch, with a strong focus on performance, caching, indexing, and reliability.

I actively use AI both as an engineering tool and as part of the products I develop. I can design **AI-powered assistants**, business knowledge bases, and automated workflows that help companies organize internal information, answer customer or employee questions, process incoming requests, and reduce repetitive manual work. This includes integrating large language models with existing business systems, preparing structured knowledge sources, designing prompts and conversational flows, and ensuring that AI-generated responses remain relevant to the company's data and processes.

I also contribute to infrastructure planning and deployment automation using **Docker, CI/CD pipelines**, and cloud environments, helping maintain consistent and efficient workflows across development, staging, and production.

Beyond engineering, I enjoy collaborating with cross-functional teams, mentoring developers, and contributing to technical decisions that improve product quality and team efficiency. I continuously explore AI, automation, and game development in C++ and C#, applying new technologies where they provide clear practical value.

Activities

DoShare: secure temporary file and text sharing platform.

Designed and developed a web platform for securely sharing files and text through temporary links. The service supports configurable expiration times, password protection, QR codes, and efficient file streaming without requiring users to create an account.

Technologies: React, Node.js, Redis, Docker, Nginx

Website: https://doshare.io

Github: https://github.com/DimitryusX/doshare

Muzlo: personal audio library for mobile devices and Wear OS.

Designed and developed an audio platform that allows users to upload and organize their own music, podcasts, lectures, and other audio files. Content can be synchronized with Android phones and Wear OS watches for offline playback without requiring a permanent internet connection.

Technologies: Kotlin, Wear OS, Node.js, TypeScript, Docker

Website: https://muzlo.online

AquaExpress: water delivery platform with an AI-powered customer assistant

Developed a complete digital platform for a local water delivery business, including a customer-facing website, mobile application, order management system, and administrative tools. Customers can create and track delivery orders, manage their addresses, and review previous orders.

The platform also includes an AI-powered customer assistant that communicates in a natural, conversational manner, answers questions about products and delivery, collects the required order details, and creates customer requests automatically.

Technologies: Laravel, Flutter, AI/LLM integration, Telegram Bot API, MySQL, Docker

Website: https://aqua-express.com