



Kirill Kosorukov

Senior Fullstack Developer



Novi Sad, Serbia



@ClsShBct



rygrys@gmail.com



GitHub: [KKosorukov](https://github.com/KKosorukov)



<https://www.linkedin.com/in/kkosorukov>

English (B2) • German (B1) • Serbian (A2) • Russian (Native)

Professional Profile

Senior Fullstack Engineer specializing in PHP and JavaScript, with extensive experience designing, building, and evolving web systems across fintech, payment processing, and enterprise software. Strong background in backend development, software architecture, and technical leadership, with experience solving complex technical problems and evolving long-lived products. Pragmatic approach to engineering, with a focus on maintainability, reliability, and sustainable solutions.

Engineering Toolbox

Architecture: Backend Architecture, REST API Design, System Integration, Legacy Modernization, Clean Architecture, Domain-Driven Design, Event-Driven Architecture, Web Application Architecture, REST API Design, Component-Driven Frontend, System Integration.

Backend: PHP 8.0 - 8.4, Laravel, Symfony, Yii2, Node.js, gRPC, Swoole, Go

Frontend: VueJS, React, Alpine.JS, JavaScript, TypeScript

Data: PostgreSQL, MySQL, Redis, Elasticsearch, ClickHouse, MongoDB, Oracle, SQL Server

Platform: Docker, Kubernetes, Linux, Git, GitLab CI, Jenkins, ELK, Grafana, Sentry, Graylog

Engineering: Technical Leadership, Code Reviews, Mentoring, CI/CD, Performance Optimization, Architecture Reviews, Cross-functional Collaboration

Engineering quality: PHPUnit, PHPStan, PHP-CS-Fixer, Static Analysis, Unit Testing, Integration Testing, Code Quality, Refactoring

AI Engineering: Claude · AI-assisted Development · Test Generation · Codebase Analysis

Professional Experience

Senior Fullstack Developer

Dec 2023 – Jul 2026

Octopays.io

Cyprus, Seychelles

- Worked on a distributed payment platform processing asynchronous business workflows under high production load (2-3k rps).
- Designed and implemented backend services for payment processing and third-party integrations.
- Designed and implemented a configurable payment form engine supporting more than 20 geographic markets, allowing client-specific customization while maintaining a single reusable codebase. As a result, creating and modifying forms for different regions became 3–5 times faster than before the improvements.
- Developed backend components operating on production databases containing tens of millions of records. Optimized system performance and scalability to support 2–3× the current production load, ensuring sufficient headroom for future growth.
- Designed a testing strategy for new backend services and improved engineering quality. Increased code coverage from 20% to 45%.
- Improved backend architecture and maintainability through reusable platform components and engineering best practices.
- Participated in architecture design, code reviews and production troubleshooting.
- Integrated AI-assisted development into the engineering workflow using Claude, applying it to module and API development, automated test generation, codebase analysis and day-to-day engineering tasks.
- Used Claude for cross-codebase analysis and change review, quickly synthesizing work across multiple parts of the system and identifying areas requiring engineering attention.

Toolbox: Laravel 11, Vue 3, Alpine.JS, Nginx, Roadrunner, PHP 8.3, PHP-FPM, Sentry, Redis, JavaScript, Grafana, Kibana, Docker, Kubernetes

Senior Backend Developer

Dec 2022 – Dec 2023

V.E.A.

Cyprus, Seychelles

- Developed backend services, APIs and integrations with focus on performance and maintainability.
- Developing parts of the project architecture and microservices, as well as building MVPs to validate hypotheses.

Toolbox: Laravel 9, Vue 3, Nginx, Roadrunner, PHP 8.3, PHP-FPM, Sentry, Redis, JavaScript, Grafana, Kibana, Swoole, gRPC, MySQL, Postgresql, Docker

Backend Developer

Jan 2022 – Nov 2022

Mercuryo

Moscow, Russia

- Contributed to the development and maintenance of production backend services for a cryptocurrency payment platform, working as part of a cross-functional engineering team.
- My responsibilities covered different parts of the system, including REST APIs for blockchain integrations, crypto payments, and user-facing interfaces.

Toolbox: Symfony 5, PHP 7.x, Bootstrap, Less, Sass, Scss, MariaDB, Redis, Memcached, Nginx, Docker, Kubernetes

Backend Developer

SirenGroup AG

Aug 2021 – Nov 2021

Switzerland, Pfaeffikon

- Backend development and solution design
- At the same time, I supported seven projects across different areas of the company's business. My responsibilities included backend development and maintenance using Symfony 4.4/5.1 and MySQL, as well as frontend development and maintenance.

Toolbox: Symfony 4 / 5, MySQL, Nginx, Bootstrap

Senior Full Stack Developer

E-Credit

Nov 2018 – Aug 2021

Moscow, Russia

- Architecture, APIs, backend services, search systems and stakeholder collaboration.
- Designed and implemented a standalone reporting platform integrated with the core system through REST APIs.
- Delivered more than 60 analytical dashboards and business reports.
- Built the reporting subsystem using Elasticsearch and MongoDB to support fast analytical queries. The system remained in production until the product was acquired and continued to operate unchanged after a major rewrite of the core platform. The reporting system served ~100 car dealerships nationwide, generating 300–500 reports daily in CSV, XLS, PDF, and graphical formats. Reports averaged 10,000–15,000 rows and included complex tables, formatting, and visual diagrams.
- Collaborated with stakeholders to transform reporting requirements into scalable technical solutions.

Toolbox: Yii2, ElasticSearch, MongoDB, React, MySQL, Bootstrap, RabbitMQ

Full Stack Developer

Digital-Lab

Dec 2016 – Oct 2018

Moscow, Russia

- Built the engineering environment for the development team, including technology selection, development workflows, issue tracking processes, and engineering standards.
- Designed and established cross-functional processes that enabled the department to grow to 50 people across multiple roles, including managers, technical specialists, project owners, and designers, while maintaining delivery speed and quality. The processes allowed the department to scale to at least twice its size without compromising either.
- Contributed to approximately 20 projects in the retail sector, including projects for X5 Group, working across roles such as Developer, Architect, and Technical Writer.
- Mentored developers and contributed to software architecture, backend development, and technical decision-making across multiple projects.

Toolbox: Laravel 5, Symfony 4, Yii1 / 2, Bootstrap, JQuery, NodeJS, Pure JavaScript, Apache, Nginx, Less

Fullstack Developer

AVK-Communications

Oct 2013 – Nov 2016

Moscow, Russia

- Took ownership of software architecture and end-to-end delivery of enterprise systems across telecommunications and healthcare projects.
- Designed software architecture for enterprise information systems.

- Led technical implementation of a Medical Information System for the Moscow Regional Research Institute of Obstetrics and Gynecology (MONIAG).
- Delivered the system as part of a three-engineer team, taking responsibility for backend and frontend development, integrations, deployment and production rollout.
- Participated directly in integrating the platform into day-to-day clinical operations.
- Developed modules supporting patient registration, call center operations, medical appointments and electronic patient records.
- Trained end users and provided technical support during production adoption.

Fullstack Developer

Sep 2012 – Oct 2013

AVK-Communications

Moscow, Russia

- Developed extensions and supporting services for VimpelCom's billing platform.
- Built operational dashboards for situational and monitoring centers.
- Participated in the development of enterprise information systems.
- Contributed to system integration and production deployments.

Web Developer

Aug 2011 – May 2012

Ready2Go

Moscow, Russia

- Developed and maintained multiple commercial websites, implementing custom functionality and delivering client-specific solutions on top of UMI.CMS.
- Developed custom modules and extensions for UMI.CMS.
- Implemented new business functionality for commercial websites.
- Customized and maintained existing client projects.
- Delivered corporate websites for enterprise customers.
- Worked closely with designers and project managers to implement customer requirements.

Education

Specialist Degree, Information Systems and Technologies

Sep 2008 – Jun 2013

Moscow State University of Printing

Moscow, Russia