

SANZHAR KALMURZAYEV

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PHP DEVELOPER

Software Engineer with over 1 year of experience developing and maintaining complex enterprise level web applications for real estate domain including payment management using PHP and Falcon. Hands-on experience in requirement analysis, technical discussions, development, testing, and maintenance. Professional experience using PHP, Laravel, Falcon, JSON, MSSQL, Redis, Kafka.

Object Oriented Programming • SOLID • Dep Inj • Design Patterns • DDD
Docker • Docker-compose • GitLab • BitBucket • Jira

Languages: Java, PHP

Web: HTML, HTML5, CSS, JavaScript

Web Services: REST

Web/App Servers: Tomcat, Apache, Nginx

Frameworks: Laravel

Databases: MySQL, MSSQL, MongoDB

SDLC: Agile, Scrum

Tools: Kafka, Composer, PHPStorm, Git

Platforms: Windows, Ubuntu

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

KOLESA GROUP, Almaty, Kazakhstan • 02/2023 – 04/2023

Top 1 platform for the sale, purchase and rental of primary, secondary and commercial real estate in Kazakhstan.

Software Engineer

Software Development

- Addressed bugs through big legacy code on the admin page to enhance usability for managers, ensuring smoother workflow and improved user experience.
- Developed new functionality for statistical analysis and displaying them on a chart in Grafana, catering to the needs of managers and data analysts.
- Migrated comment functionality from the old engine to the new one using PHP, increasing performance and workflow.
- Identified and rectified a vulnerability that exposed the system to SQL and JS injections, thereby enhancing security and safeguarding against potential exploits, and reducing security breaches by 15%.

Technologies Used: PHP, Falcon, Jira, BitBucket, MySQL, Grafana

ASTANAPLAT, Almaty, Kazakhstan • 02/2022 – 02/2023

Payment Process Company.

Software Engineer (04/2022 – 02/2023)

Software Development and Design

- Developed a separate API for inter-API communication using Kafka and cron, facilitating seamless data exchange and scheduled tasks execution, achieving 15% reduced time for data processing.
- Refactored code in the main withdrawal API using SonarQube, improving code quality and enhancing maintainability, reducing time to debug by 20%.
- Refactored the primary API using the Go language, enhancing its performance, scalability, and maintainability.
- Deployed a Docker image and assembled a Docker Compose setup with MSSQL and Nginx, facilitating easier maintenance and enhancement processes.

- Migrated, factories with test data on the Laravel framework for CashOut Api, facilitating easier and faster testing of the application, reducing cost and time to conduct tests.

Software Engineer Intern (02/2022 – 04/2022)

Software Maintenance

- Developed multiple test projects leveraging Laravel framework to enhance proficiency and understanding of modern web application development.
- Attended Docker and Laravel courses sponsored by the company to enhance my skills and knowledge.
- Analyzed the CashOut API project, identified bugs, and resolved them to ensure the application's accuracy.
- Wrote and added a docker image of MSSQL into the Docker Compose setup alongside the application, facilitating seamless testing of new features.

Technologies Used: PHP, Laravel, MSSQL, Docker, Docker Compose, GitLab

ACADEMIC PROJECTS

Maharishi International University (2024) Movie Rating Site: Web platform allowing users to upload their own movies, explore a vast collection, rate films, and curate personalized watchlists. Solely responsible for backend development, utilizing TypeScript, Express.js, MongoDB, and Angular. Implemented user authentication and registration features leveraging access and refresh tokens for enhanced security. Integrated MongoDB for efficient data storage, optimizing CRUD operations for fast data access. Utilized NodeJS, Angular17, MongoDB, Express, TypeScript

Maharishi International University (2024) Attendance system: The Attendance Management System is designed to automate the process of recording and managing attendance for educational institutions or corporate environments, facilitating accurate attendance tracking, reporting, and analysis. I led the core development efforts. Leveraging technologies such as Kafka, ActiveMQ, Docker, and MSSQL. My responsibilities included architecting and implementing key functionalities, ensuring scalability and reliability through efficient utilization of these technologies. Utilized Java, Spring Boot, ActiveMQ, MySQL, OAuth 2.0

PERSONAL PROJECTS

News blog on Laravel PHP 2023: news blog application featuring robust authorization functionalities. Users can create posts, and if they are the original creators, they possess the capability to update the content and assign topics to the posts. Notably, the application can recursively search for the posts in a specific topic, and all the subtopics. Users can search for posts within specific topics and their respective subtopics. The primary focus of this project was to enhance proficiency in Docker, Docker Compose, and recursive functions. https://github.com/spunchos/ThousandIT_API. Utilized PHP, Laravel, MySQL, Apache, Docker, Docker Compose

http service for submitting requests to call a courier 2023: A comprehensive application enabling users to request courier services from point A to B, with customizable date selection. The system seamlessly integrates administrative functionalities by allowing the assignment of administrators from the user database. Additionally, it optimizes efficiency by consolidating multiple requests into one when the city and date coincide. Users have the flexibility to cancel or decline requests, while administrators can efficiently manage and monitor the entire request list. Utilized PHP, Laravel, MySQL, Apache, Docker, Docker Compose

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Modern Web Applications, Web Application Programming, Advanced Software Development

Bachelor's in Computer engineering and software developing

Auezov south Kazakhstan university, Shymkent, Turkistan region (2022)