



# Dmitry S.

Solution Architect / Tech Lead



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## Professional summary

Solution Architect / Tech Lead with 9+ years experience in high-load projects. Highly-organized, skilled and dedicated professional as well as very self-motivated person. Has high performance and attention to details, intelligence and diligence. In addition to development, is responsible for architecture design, evaluation of projects and consultations on creating architecture solutions.

## Education

National University of Civil Defence of Ukraine. Qualification awarded: Master's Degree in Science. Has improved the skills in PHP and received the certificate Zend Certified Engineer. Successfully passed the ICAgile Professional Certification.

## Industries

EdTech, Logistics, Travel, Property, FinTech, Information Services, Enterprise, Multimedia, Healthcare, Sales & Marketing, Jurisprudence, Technology, Service Sector

## Technologies and tools

- ADD, C4, ATAM
- PHP, JavaScript, TypeScript
- NodeJS
- Symfony, Yii2, Laravel, Zend Framework, CMS Wordpress, ExpressJS, Angular, AngularJS, React, jQuery
- MySQL, PostgreSQL, Redis, Firebase
- Docker, RabbitMQ, Kubernetes
- PHPUnit
- Git, Gitlab CI

# PROJECTS

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NDA

Duration: 09.2020 – till now

The project for a company that has been providing educational services nationally and internationally. The aim of the project is to develop a platform for advanced training and retraining, for example, in the field of information technology, SAP, CAD, personnel, media, business, languages, or healthcare.

Team

20+ specialists

Position

Solution Architect

## Responsibilities

- Design of the system and its implementation
- Gathering business requirements and converting them into technical ones
- Creating the application architecture
- Creating the working prototype
- Design of interfaces and application components
- Selection or design of frameworks
- Analyzing and fixing performance problems
- Architectural review of business requirements
- Code and design review for big changes
- Code refactoring

# Logistic project

Duration: 07.2019 – 08.2020

A logistics coordination platform that seamlessly connects cargo owners to transportation. There is a marketplace that allows to better utilize assets through the fusion of an extensive on-the-ground operations team, advanced technology, and exceptional customer service.

## Team

8 specialists

## Position

Solution Architect

## Responsibilities

- Designed the system and its implementation
- Gathered and maintained coding standards, catalogs of design patterns and anti-patterns
- Conducted documentation of all architectural solutions, constant updating of documentation
- Coordinated architecture throughout the subsequent software life cycle
- Participated in technical risks identification and analysis
- Interviewed the development team

# Project for the travel agency

Duration: 01.2019 – 07.2019

The company operates as a tour operator and travel agency in Germany. The company offers tours and destinations around the world. In its assortment, there are catalogs by directions. It also offers accommodation, long-haul flights, and round-trip day trips. The company distributes its products through travel agencies.

## Team

7 specialists

## Position

Tech Lead

## Responsibilities

- Performed software architecture and its implementation
- Integrated security practices and tools into developer's workflow
- Implemented new features
- Back-end implementing
- Planned, prioritized tasks
- Resolved all project-related issues
- Monitored progress of the development team and took corrective actions to address deviations
- Reported status and progress according to the project and Company demands
- Code review

## Technologies and tools

- PHP, TYPO3, JavaScript, NodeJS, ExpressJS, MySQL, Firebase

# Real estate platform

Duration: 03.2018 – 12.2018

The project is focused on the real estate companies – delivery of communal areas and land. The service is now operating in England, the United Arab Emirates, India, South Africa, Nigeria. It is planned to expand up to 30 countries. The aim of the project is to develop new and extend old API applications.

## Team

5 specialists

## Position

Tech Lead

## Responsibilities

- Implemented new features
- Back-end implementing
- Evaluated and improved the program effectiveness
- Integrated security practices and tools into developer workflow
- Planned, prioritizing tasks
- Monitored progress of the development team and took corrective actions to address deviations
- Resolved all project-related issues
- Performed RESTful API implementations
- Provided data migration and transformation
- Reported status and progress according to the project and Company demands
- Code review

## Technologies and tools

- PHP, Symfony, MySQL, Redis, RabbitMQ, PHPUnit

The project is a system for issuing short-term loans, instances of this system are currently working in a number of countries. Each individual instance of the system adapts to the legislation and mentality of a particular country.

## Team

39 specialists

## Position

Tech Lead

## Responsibilities

- Developed the back-end architecture of the application
- Implemented new features
- RESTful API implementations
- Integrated security practices and tools into developer's workflow
- Planned, prioritized tasks
- Resolved all project-related issues
- Monitored progress of the development team and took corrective actions to address deviations
- Continuously participated in technical risks identification and analysis, immediately notified the Project Manager of new risks
- Created technical documentation for reference and reporting
- Made code review of the code for the team members

## Technologies and tools

- PHP, Yii2, Faker, Factory Muffin, TypeScript, Angular, MariaDB, Codeception, HTML5, CSS3

# NDA

Duration: 02.2017 – 08.2017

Our team participates in the development of several Customer's projects. On the back-end, we expanded the functionality, optimized the processing of data, covered the project with autotests. We also developed an application for organizing and planning various business events and developed a CRM system for managers.

## Team

28+ specialists

## Position

Tech Lead

## Responsibilities

- Implemented new features
- Developed tests
- Planned, prioritized tasks
- Resolved all project-related issues
- Monitored progress of the development team and took corrective actions to address deviations
- Integrated security practices and tools into developer workflow
- Performed RESTful API implementations
- Performed data migration and transformation
- Developed the structure of the Database
- Made code review of the team members code
- Stabilization

## Technologies and tools

- PHP, Yii2, Faker, Factory Muffin, TypeScript, Angular, MariaDB, Codeception, HTML5, CSS3

# CRM system

Duration: 08.2016 – 02.2017

A system helps to manage customer data. It supports the sales management, delivers actionable insights, integrates with social media and facilitates team communication. The CRM system offers complete mobility and access to the ecosystem of bespoke apps.

## Team

5 specialists

## Position

Tech Lead

## Responsibilities

- Implemented new features
- Verified and deployed system components
- Implemented communication with back-end
- Resolved all project-related issues
- Planned, prioritized tasks
- Developed tests
- Data migration and transformation
- Developed the structure of the Database
- Made code review of the team members code
- Stabilization
- Created technical documentation for reference and reporting

## Technologies and tools

- PHP, Symfony, Faker, Factory Muffin, TypeScript, Angular, MariaDB, Codeception, HTML5, CSS3



# Video service

Duration: 09.2015 – 07.2016

The service creates a visual representation of user responses and emotions on video content. All user annotations are linked to video content allowing social interactions on specific moments of the video. A WordPress plugin for the application transparently integrates with any WP website without influencing its layout and provides innovative UX for threaded discussions on the video.

## Team

3 specialists

## Position

Senior PHP developer

## Responsibilities

- Created site pages
- Applied layouts
- Implemented new features
- Implemented communication with back-end
- Stabilization
- Performed code review

## Technologies and tools

- PHP, WordPress, JavaScript, jQuery, Bootstrap, HTML5, CSS3

# Information system

Duration: 01.2015 – 08.2015

The client is the producer of ecologically clean smart mattresses of premium level. The sensor has a built-in sensor that reads up to 9 body parameters. Our specialists created a product that collects information about how the user sleeps, his daytime activity, diet, analyzes and gives recommendations for improving the quality of sleep.

## Team

7 specialists

## Position

Senior PHP developer

## Responsibilities

- Created site pages
- Applied layouts
- Implemented new features
- Developed the structure of the Database
- Performed code review
- Stabilization
- Support

## Technologies and tools

- PHP, Yii2, JavaScript, jQuery, Bootstrap, Percona, HTML5, CSS3

# Multiplayer

Duration: 05.2014 – 01.2015

An online multiplayer game for London school. Each player drops alternatively a chip of his colors. The first player who aligns four chips wins. You can share interesting positions with the different share buttons or just copy the URL of the position (containing the "pos" parameter).

## Team

6 specialists

## Position

Senior PHP developer

## Responsibilities

- Created site pages
- Implemented new features
- Developed the back-end architecture of the application
- Developed the structure of the Database
- Made code review of the team members code
- Stabilization

## Technologies and tools

- PHP, Laravel, JavaScript, AngularJS, Bootstrap, MySQL, Redis, HTML5, CSS3

# Online shop

Duration: 11.2013 – 05.2014

Application for iOS and Android, which helps users to get the mobile version of the online shop, which was created via WooCommerce WP plugin.

## Team

4 specialists

## Position

PHP developer

## Responsibilities

- Implemented new features
- Developed the back-end architecture of the application
- Developed the structure of the Database
- Code review
- Stabilization

## Technologies and tools

- PHP, CMS WordPress, MySQL

# Learning platform

Duration: 07.2013 – 10.2013

A teaching resource for playing the guitar on a variety of fronts. Here The main goal of the application is to give users all the “parts” they need to make themselves into completely “whole” guitar players. And once they find those parts and add them to the arsenal, the playing becomes something more than just a bunch of notes, scales, and chords.

## Team

4 specialists

## Position

PHP developer

## Responsibilities

- Implemented new features
- Implemented communication with back-end
- Developed the back-end architecture of the application
- Developed the structure of the database
- Made code review of the team members code
- Stabilization

## Technologies and tools

- PHP, WordPress, JavaScript, Bootstrap, MySQL, HTML5, CSS3

# Accounting system

Duration: 01.2013 – 06.2013

A system of internal accounting and auditing work of employees with multi-level control subsystem, tracking and goal setting for the Canadian law company.

## Team

4 specialists

## Position

PHP developer

## Responsibilities

- Created the site pages
- Applied layouts
- Implemented new features
- Developed the structure of the Database
- Implemented communication with back-end
- Developed back-end architecture of the application
- Code review
- Stabilization

## Technologies and tools

- PHP, Zend Framework, JavaScript, MySQL, AdminLTE, HTML5, CSS3

# Information service

Duration: 08.2012 – 12.2012

A data-driven legal research assistant that finds, classifies, and sorts case law for users, making the process of case law research smarter, faster, and more robust. Using a combination of legal analysis and machine learning, the service provides hard numbers on case law: win/loss rates, judge ruling histories, litigation trends over time, and much more.

## Team

7 specialists

## Position

PHP developer

## Responsibilities

- Created site pages
- Applied layouts
- Designed algorithms and flowcharts
- Implemented communication with back-end
- Developed the back-end architecture of the application
- Developed the structure of the database
- Made code review of the team members code
- Stabilization

## Technologies and tools

- PHP, Zend Framework, JavaScript, MySQL, AdminLTE, HTML5, CSS3

# Information service

Duration: 03.2012 – 07.2012

The project for a community center that has become a leader in civic engagement. The center is the primary provider for funeral services and social services for the Muslim community and has a full-time middle school.

## Team

4 specialists

## Position

PHP developer

## Responsibilities

- Created site pages
- Applied layouts
- Implemented new features
- Implemented communication with back-end
- Developed the structure of the Database
- Stabilization

## Technologies and tools

- PHP, WordPress, JavaScript, Bootstrap, MySQL, HTML5, CSS3



# Educational religious app

Duration: 12.2011 – 03.2012

The idea of the app was initiated by a group of individuals from the Arizona community committed to the educational study of the Quran and the Arabic language. The main goal was truly to be able to ascertain the meaning of the Quran at an individual level by analyzing each Arabic word down to its roots and by analyzing the sentence structure grammatically, thus unlocking the power and meaning of the Quran.

## Team

4 specialists

## Position

PHP developer

## Responsibilities

- Created site pages
- Applied layouts
- Implemented new features
- Implemented communication with back-end
- Developed the back-end architecture of the application
- Developed the structure of the Database
- Stabilization

## Technologies and tools

- PHP, WordPress, JavaScript, Bootstrap, MySQL, HTML5, CSS3