

Max Zhuk

Full Stack Software Engineer

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10+ YoE in **PHP**, **JavaScript**, and **SQL** programming and **web** development. Proven track record of driving innovation, including development of a proprietary **ORM** library that significantly reduced module development time, and implementation of an AI-powered search engine that increased sales conversion by 26%.

Contributed to **agile** teams of up to 15 developers, excelled in both modern software environments and legacy code. Experienced in backend and frontend development, **API** creation, and comprehensive **testing** strategies.

Skills

Languages: Php, Sql, Javascript, Typescript, Rust

Technologies: Html, Css, Json, Restful API, Git, Gulp, Node.js, Webpack, Docker, Xml, Soap

Databases: Mysql, MongoDB, Redis, PostgreSql, ClickHouse

Frameworks: Slim, Laravel, Phalcon, React, Symfony, Yii2, CakePhp, Modx, jQuery, Actix

Professional Experience

Senior Software Engineer, NDA, Remote

Feb 2023 – Jun 2024

Project: DCP distribution

- ✓ Designed **API** and **PostgreSQL** database solution, optimizing workflows and ensuring 99.9% uptime for critical services.
- ✓ Implemented **Codeception** testing strategy with 326 automated tests, reducing post-release bugs by 42% and enhancing stability by 80%.
- ✓ Reduced unauthorized access incidents by 50% through **Keycloak** integration, streamlining **authentication** and enhancing security management for improved application security.

Project: Highload, multifunctional Customer Relationship Management (CRM) system

- ✓ Engineered CRM features using **Laravel** and **ReactJS**, improving data processing speed by 15% and managing 24% more user load.
- ✓ Wrote detailed technical **documentation** and user manuals, broke down complex technical processes into user-friendly instructions for end-users and stakeholders.
- ✓ Created instructions for a third-party integrated library created in **Rust**.

Skills: Php, Mysql, Postgresql, Docker, React, Laravel, Typescript, Strategic Planning, Continuous Learning, Team Collaboration

Senior Software Engineer, Reksoft International, Remote

Jul 2021 – Dec 2022

Reksoft is a software engineering services provider, developed and delivered over 1000 high-end software solutions to international enterprises, ISVs, and system integrators.

Project: Customer personal account, team of 15

- ✓ Implemented advanced **Clickhouse** analytics system, reducing data processing time by 40% while enhancing security and reliability.
- ✓ Improved user engagement by 30% by implementing an event-driven notification system on **PHP**.
- ✓ Reduced the number of incidents related to the work of managers by x3 by implementing a notification system.

Software Engineer, Reksoft International, Remote

Aug 2020 – Jun 2021

Project: Compel, a few online stores of electronics

- ✓ Boosted sales conversion by 26% by designing and integrating a neural network-based **search engine**, leading to a more efficient and accurate product discovery process.
- ✓ Reduced server load by 17% by tuning the **database** and optimizing **high-load** queries, got rid of **MySQL** database crashes in the process of updating the product range.

Skills: Php, Mysql, Cakephp, Unix Console, jQuery, Html, Css, Restful Api, Creative Thinking

Full Stack Software Engineer, Webway, Moscow, Russia

Feb 2017 – Jul 2020

Lead Software Engineer, AppUnit, Krasnodar, Russia

Oct 2014 – Feb 2017

Freelance Web Developer, self-employed, Armavir, Russia

Sep 2007 – Oct 2014

Education

Massachusetts Institute of Technology (MIT) – Online

Introduction to Computational Thinking and Data Science

86 / 100

Armavir Orthodox-Social institute – Armavir, Russia

Master of Philosophy

4.9 / 5.0