

Alexander Khudoev

Full Stack Web Developer, Software Architect

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Relevant Experience

Full Stack Web Developer, Team Lead @ Fusionsoft

March 2015 – Present

- ▶ Writing a modern, performant, maintainable code for a diverse array of client and internal projects
- ▶ Building an APIs (Laravel, Micronaut, Go), Swagger documentation (OAS 3), Oracle database architect, web services, backend, frontend
- ▶ Working with various Tech Stacks and Software Architect:
 - ▷ Programming Languages: JavaScript, PHP, Python, Java, Go, C++
 - ▷ Backend: Laravel, Micronaut, Next.js
 - ▷ Frontend: React + Redux-Toolkit, Gatsby
 - ▷ Databases: Oracle, PostgreSQL, MySQL
- ▶ Communicating with multidisciplinary teams of engineers and clients on a daily basis
- ▶ Leading the team on different projects and helping to solve the technical problems

Senior software architect @ Lipasite

September 2014 – March 2015

- ▶ Websites development using Wordpress, PHP, Javascript and CSS
- ▶ C++ data export utility from "UCS Store House 4" to "1C: Enterprise" databases
- ▶ DLL development, code protection and obfuscation
- ▶ License server API Development

Software Developer @ Market-Master

March 2011 – July 2014

- ▶ Data exchange mechanisms programming (on C#, C++ and .NET) between the trading equipment and "1C: Enterprise" platform
- ▶ Drivers development for connecting commercial equipment (fiscal registrars, scales) to "1C: Enterprise 8.3" according to the "1C: Compatible" standard
- ▶ MyPOS: implementation of sales data exchange with Android devices on C#, implementation of printing receipts in fiscal and non-fiscal modes for KKM Atol, Shtrikh, Mercury, as well as a "Windows printer" (regular label printer). The ability to format a check template, as well as print an EGAIS slip with a QR code

SCADA Developer @ Alrosa

September 2010 – March 2011

When I studied in the magistracy at the Automated Control Systems Faculty of LSTU (Lipetsk State Technical University), I already combined study and work, since 2 days were free.

As a graduate student, I was entrusted with an interesting project, which consisted in the development of a bunker rack for processing fluxes in the Trace Mode 6 environment.

I was engaged in the interface development for the interaction between the user and the hardware devices, solved the following problems:

- ▶ GUI Design of the bunker conveyor in FBD and SFC languages in Trace Mode 6
- ▶ Logic filling control of the containers with fluxes depending on the weight in the ST procedural language
- ▶ Programming of strain gauges and opening of bunker covers for unloading fluxes onto a conveyor in the IL procedural language.
- ▶ Programming the movement conveyor belt

Machine Learning Applied Scientist @ LSTU

September 2008 – March 2011

- ▶ Mathematical models construction based on Genetic Algorithms and Neural Networks for predicting the quality of "Novolipetsk Integrated Iron and Steel Enterprise" production based on steel chemistry and yield strength values.

Skills

Programming Languages

📄 JavaScript (ES6), 📄 TypeScript, 📄 PHP, 📄 Python, 📄 Java, 📄 Go, C++

Libraries & Frameworks

📄 Laravel, 📄 React, Gatsby, Next.js, Micronaut, Socket.io, Tailwind CSS

Tools & IDE

📄 git, 📄 npm, Postman, Swagger, JetBrains PhpStorm, PyCharm, IntelliJIdea, GoLand, DataSpell, DataGrip, TOAD

Databases

Oracle, PostgreSQL, MySQL

Design

Adobe Illustrator, Adobe XD, InDesign

Education

Lipetsk State Technical University

2009 – 2011

Master of Computer Science, Automated information processing and control systems

Lipetsk State Technical University

2005 – 2009

Bachelor of Computer Science, Automated information processing and control systems

Interests

Computer Music composing, swimming, skiing, biking, custom mechanical keyboards building