Aliaksei Saroka
Senior Software Engineer

Will solve your problem. 7 years experience. Having fun with programming (backend or frontend, paid or open source).

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⎇ lehaSVV2009 (Github)

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Work

Seller Assistant App

Senior Software Engineer

Oct 2020 – Oct 2021

Product research chrome extension for amazon resellers. Set up analytics, improved architecture, CI/CD, payment system, implemented some UI features, etc.

- PHP
- Laravel
- Laravel Spark
- MariaDB
- Vue.js
- Chrome Extension

Yagoda BI

Senior Software Engineer

Sep 2019 – Apr 2020

Analytics for large online-store suppliers. Personally I've designed application architecture, taking into account the complexity of algorithms and big data, set up

and supported infrastructure, implemented demo, implemented MVP and led all further technical solutions.

- NodeJS
- Express
- Sequelize
- XLSX
- MySQL
- Clickhouse
- Docker
- React
- Material UI
- Grafana
- Ansible

Promocat

Senior Software Engineer

Sep 2019 – Dec 2019

Chrome extension to share online-shop coupons and promotions. In short period I've set up project infrastructure, implemented MVP and led a developer who worked on the project afterwards. That allowed my client to move to next phase (marketing).

- React
- Material-UI
- Styled Components
- SeleniumJS
- Chrome Extension

AliTools Trends

Senior Software Engineer

May 2019 – Sep 2019

Trends of Aliexpress products. In the project I've implemented a few versions of trending algorithm, added several complex filters to search, added social login, integrated application with a few payment systems, improved logging and monitoring, added integration to external online shops, improved analytics, improved performance of too long operations and added some tricky customizations to landing pages. Implemented features increased level of attraction and retention and allowed client to get paid subscriptions from users.

- PHP
- Laravel
- Vue.js
- MySQL

- Clickhouse
- Redis
- Stripe
- Paypal
- Tilda

Territories

Full Stack Developer

Dec 2018 – Feb 2019

Simple battleship-like board game. Personally I designed and implemented entire game which includes game logic, frontend, backend for online game and AI bot.

- React
- Material UI
- Styled Components
- boardgame.io
- three.js
- brain.js

Interaxo Visual Design Board

Full Stack Developer

May 2018 – Nov 2018

React Question Board for meetings and planning using Interaxo document management system. Within the project I designed and implemented robust and secure REST API for the app and implemented new web pages like filterable cards list page, card forms, auth page, etc. Additionally I introduced a new library for all common components that are used across React applications of the customer. Plus configured CI, deployment and analytics. Now the project is easily scaled, monitored and successfully used by different customers who wants more and more new features.

- Spring
- REST API
- Hibernate
- PostgreSQL
- React
- Material UI
- Redux
- React DnD
- React Virtualized

EquipEngine

Frontend Lead Developer

Jun 2018 – Sep 2018

Web project with courses for students and teachers. I implemented some new views and integrated the project with existing API according to the client requirements. I also introduced the project to new developers, tried to teach them project best practices, helped them and monitored their work.

- React
- Redux
- Styled Components
- React Player
- Swagger

Interaxo Connected Workflows

Backend Developer

Feb 2018 – May 2018

Application allows to set up external workflow for different folders in document management system. Within the project with help of mentor I implemented the application that synchronizes folders in workflow using document management system API. Now the application is successfully used by several document management clients to simplify their real workflow.

- Spring
- REST API
- Hibernate
- Apache Camel
- WebSocket

5Walls

Frontend Developer

Mar 2018 – Apr 2018

Pinterest like room fittings. I set up frontend app, implemented registration and authentication flow, build responsive pinterest view and set up bitbucket pipelines. Now the client rapidly reviews the changes of client developers, offers new users a personal account, monitors new users and enjoys pinterest view for the products.

- React
- Material UI
- Redux
- React Stack Grid

Local Insights

Frontend Developer

Nov 2017 – Feb 2018

Real estate search app. I used Material-UI Grid layout system to make application responsive, Material UI to create nice views, migrated sass to css-in-js to clean up sass files, replaced webpack config with create-react-app scripts and refactored plenty of code. Now the project is completely responsive and easier to read, support and implement new features.

- React
- Material UI
- Redux
- Leaflet

Interaxo Public API

Backend Developer

Jan 2017 – Jan 2018

REST Public API for big document management system. I spent a lot of time learning REST API best practices and with help of mentor I implemented Public API, which is monitored, covered by different types of tests, secured by OAuth2, well-documented, versionable and follow many REST API best practices. Now API is successfully used by many internal document management system applications as well as external document management customer applications.

- Spring
- REST API
- OpenID Connect
- OAuth2
- Keycloak
- Retrofit
- Swagger
- Docker
- Openshift

MedScale+

Backend Developer

Jul 2017 – Aug 2017

Web and mobile applications for medical items monitoring on ships. I fixed all the bugs, provided by the client, and some bugs found by me in Spring Data logic and deployment to AWS. Now the application is used by captains and crew members on ships.

- Spring
- Hibernate
- Spock
- AWS EC2
- Bamboo

Interaxo

Full Stack Developer

Oct 2014 – Jan 2017

Enterprise document management system for engineering and oil industry in Norway. By the end date I've learnt all the areas of the application and have been able to quickly find and fix any bugs. I improved some areas like bulk import, download, upload, email handling, security, mobile app, etc. I also refactored a lot of code. Now the amount of the application users and new features still rapidly grows while the amount of bugs grows not so fast as it was before areas improvements.

- Spring
- Alfresco
- CMIS
- JUnit
- Gradle
- ExtJS
- Cordova/Phonegap
- Google Analytics
- Jenkins
- Git

Java Developer

Aug 2014 – Oct 2014

Support of bank content management system.

- IBM Tivoli Storage Manager

Belveb Bank System

Full Stack Developer

Feb 2014 – Aug 2014

Web based bank document management system.

- Apache Struts
- Dojo
- Ant
- IBM FileNet
- IBM WebSphere
- Apache POI
- SVN

Java Developer

Sep 2013 – Feb 2014

Web based document management system.

- JSP
- Servlets
- XSLT
- Maven
- IBM FileNet
- IBM WebSphere
- Apache POI
- SVN

Volunteer

Welfare for animals in Goa

Volunteer
Jan 2019 – Feb 2019

Hour a day helped injured cows and dogs in Indian shelters.

Boardgame.io on Github

Contributor
Dec 2018 – Feb 2019

Fixed several issues related to deployment and board game lobby

Education

BSUIR

Artificial intelligence
Sep 2011 – Jun 2016

Bachelor

BSUIR

Ergonomics
Sep 2016 – Jun 2018

Master

Awards

Docker Training

Awarded by **Issoft Solutions**
Jul 2018

Succesfully finished training.

Amazon Web Services for Java Developers Training

Awarded by **Issoft Solutions**
Mar 2018

Succesfully finished training.

Hibernate, JPA, Spring Training

Awarded by **Issoft Solutions**

Jan 2018

Succesfully finished training.

ReactJS Basics Training

Awarded by **Issoft Solutions**

Jun 2016

Succesfully finished training.

EJB Web Development Training

Awarded by **IBA Group**

Aug 2014

Succesfully finished training.

Java Web Development Training

Awarded by **IBA Group**

May 2014

Succesfully finished training.

Java Web Development Training

Awarded by **Itransition**

Aug 2013

Succesfully finished training.

Android Development Basics Training

Awarded by **Belhard**

May 2013

Succesfully finished training.

Publications

AI Knowledge base in cookery

Published by **BSUIR**

Dec 2015

Skills

JavaScript
6 years

React JS
5 years

Java
5 years

Spring
4 years

Laravel

MySQL

		2 years		2 years

Languages

Russian
Native

English
Advanced

Interests

Programming

Sport

Camping

Sleeping