

Mikhail Potter

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CONTACTS

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OBJECTIVE

Looking for a position as a Senior Software Engineer in Java / Kotlin (Server side) with relocation to EU (Germany, Netherlands, Sweden preferred).

WORK EXPERIENCE

Noveo Aug 2016 — Present

Senior Software Engineer

Responsibilities:

- Design, development, deployment and profiling of Java Enterprise applications
- Advising for architecture and process improvements
- Performing code reviews
- Mentoring newcomers

Projects:

1. Development of a CRM system with microservice architecture

- Extracted a number of services from monolith
- Moved authentication logic to API Gateway
- Implemented support of SMTP OAuth protocol to send emails using Google and Microsoft providers
- Improved REST API endpoints structure
- Unified service configuration files
- Configured a set of database connection pools that are used for master/slave and fast/slow transactions
- Implemented configurable rate limiting for Public API endpoints
- Fixed a number of project dependencies issues that caused performance degradation

2. Support of a legacy system for a medical company business process automation

- Improved test coverage and redesigned/refactored critical parts
- Optimized interaction with database

3. Design and development of a web application for entering medical tests order information

- Advised dataflow improvements while integrating with 3rd party services
- Set up continuous integration
- Leded fronted development in React

4. Working on improvement of company's business automation tools:

- Took part in rewriting from scratch the project implemented in grails / groovy
- Migrated data from MySQL to PostgreSQL using pgloader
- Optimized database queries
- Cleaned up REST API
- Set up CI pipelines (build, deploy)

Tools: Maven, Gradle, Spring (Core, MVC, Security, Data, Boot, Cloud), JPA (EclipseLink / Hibernate), Liquibase, Flyway, ELK, Graylog, GWT, React, Jenkins, GitLab CI, SonarQube, MySQL, PostgreSQL, Redis, RabbitMQ, NGINX, HaProxy, Docker, Prometheus, Grafana.

1to2

Nov 2017 — Nov 2018

Head Of Development

My main goal was to create a betting platform using Ethereum smart contracts and React frontend. Blockchain concepts and technologies were new to me. However, I have managed to learn them quickly and transfer knowledge to a second developer on a project to increase development speed.

Tools: solidity, reactjs, truffle, ganache, bitbucket CI.

Azoft

May 2015 — Jul 2016

Senior Java Developer

Responsibilities:

- Development of Java Enterprise applications
- Collaboration with customers
- Advising for architecture and process improvements
- Projects estimations.

Projects:

1. Server-side application that allows creating groups of interests.
 - Collaborated with Mobile Development department and created API for mobile clients.
 - Made integrations with Facebook, Google plus (authentication) and Parse (sending push notifications).
 - Set up production environment for application deployment.
2. Took part in development of one of the biggest Russian online stores.
 - Created custom catalogs for selling new categories of products.
 - Made integration with SAP and a number of 3rd party APIs.
 - Introduced Spring-loaded to improve team performance.
 - Set up build tool to separate unit tests from integration ones for people not to turn them off.
 - Introduced static code analysing tools to improve code quality and reduce VCS merge conflicts.
 - Advised a number of architecture solutions.
3. Customizable solution for banking
 - Made architecture proposals
 - Set up Jenkins with Archiva for publishing API library artifacts
 - Set up tomcat cluster with session replication

Tools: Maven, Spring (Core, MVC, Security, Data), Spring-loaded, Apache CXF, Gson, Jackson, Hibernate, Liquibase, Mysql, Postgresql, Redis, Elasticsearch, Apache commons, Google guava, Twitter bootstrap, jQuery, Kendo UI, Jenkins, Upsource, RabbitMQ.

SaintLab

Nov 2014 — Apr 2015

Android developer

Development of Android application for local market that allows to pay restaurants bills from mobile device.

Tools: dagger, picasso, retrofit, rxjava, otto, butterknife, calligraphy, websockets,

mixpanel, crashlytics, jenkins

Noveo

Sep 2011 — Nov 2014

Java Developer

1. Development and support of Java enterprise projects

- most of the time has been busy developing CRM system for foreign customer
- interaction with the customer concerning the application development
- replacement of build system Ant -> Maven
- migrating from JDBC to JPA/Hibernate and introduction of dbmaintain
- replacement of custom messaging protocol over UDP with JMS
- migrating API from SOAP to REST
- UI improvements
- writing of unit and integration tests
- further system development and support
- developing application installer with web interface

Tools: Java, Maven, Spring (DI, Security, MVC, WebFlow, Data), JMS/HornetQ, CXF, JPA/Hibernate, dbmaintain, slf4j/logback, Apache commons, JUnit/Selenium, JSP, HTML, CSS, JavaScript, jQuery, Tomcat, Hudson

2. Android applications development

Tools: dagger, picasso, retrofit, rxjava, otto, butterknife, calligraphy, websockets, google analytics, flurry

3. Tasks and projects estimation

Pixolart

Sep 2010 — Jul 2011

iOS Developer

iOS games development. Technologies: Objective-C, Unity3D, Facebook API, Twitter API

Sibagropribor

Nov 2009 — Apr 2010

C# Developer

Development of client-server application for processing data from flowing milk analysers.
Used technologies: C#, Windows CE, MySQL, SQLite

LANGUAGES

Russian (native), English (advanced)

EDUCATION

Information Technologies

2009 — 2011

Novosibirsk State University

Master's degree

Information Technologies

2005 — 2009

Novosibirsk State University

Bachelor's degree

INTERESTS

new technologies, web, high load/distributed systems, cyclic sports, traveling