

Vasyl Melnychuk

Contact

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Education

- MSc in Computer Science, Feb 2013, National University of Kyiv-Mohyla Academy, Kyiv
- BSc in Computer Science, Jun 2010, National University of Kyiv-Mohyla Academy, Kyiv

Work experience

4finance

Java Software Engineer

Period and Location

Aug 2016 - present, Praha

Project description

The is credit system. But there is one big monolith application. And my team make refactoring it into banch of microservices, to make testability/scalability/maintanability of system much easier. Also, we add exta functionality for new clients.

Tech stack description

- Technologies: REST, SOAP, Event-Driven Programming, HTTP.
- Frameworks used: Spring Boot, Spring MVC, Spring Cloud, Zookeeper, Selenium, Spock
- Programming language: Java, Groovy
- Database: H2, PostgreSQL, SQLite

Epam Systems

Senior Java Software Engineer

Period and Location

Dec 2014 - May 2016, Gomel

Project description

SSO web-site for access to customers web-services and web-sites.

Implementing SSO with Spring MVC as back-end and AngularJS-based front-end. Using Web-services for interaction between applications.

Writing custom authorization module for PingFederate.

Tech stack description

- Technologies: AJAX, REST, SOAP, JSON, XML, SAML, LESS
- Frameworks used: Spring Core, Spring MVC, Mockito, Selenium, SoapUI
- Programming language: Java, JavaScript
- Database: MySQL, H2, Derby, MongoDB

Java Software Engineer

Period and Location

Nov 2013 - Dec 2014, Gomel

Project description

Service for generation HTML, PDF from XML documents. Creating of XSL-transformation to generate HTML, PDF outputs with Apache Cocoon. Also, act as backup for team lead in case of vacation by doing scrum master/manager job like: daily stand-ups calls and retros, groomig and estimation, calls with customers.

Tech stack description

- Technologies: XSLT, XPath, XML, HTML, CSS, REST, JSON, JSON-P, SOAP, JVM, Ant, Maven, Nexus, GWT, Freemarker, git, svn, RHEL, Debian, macOS
- Frameworks used: Spring Core, Apache Cocoon, Apache Commons, Ant extentions libs, Java Decompiler
- Programming language: Java, JavaScript
- Database: MS SQL

**The Institute of Mathematical
Machines and Systems Problems of
the Ukraine National Academy of
Science (IMMSP NASU)
Software Engineer**

Period and Location

Jul 2010 - Aug 2012, Kyiv

Project description

Medgrid is system for processing ECG data. Configuration and support and developing applications for Linux HPC cluster (OpenMPI, mpiJava). Also, perform system and network administration tasks. Developing Java Web Applications using Servlets and JSP and Spring MVC. Supervision of less experienced engineers.

Tech stack description

- Technologies: Java Core, Linux, Servlets, JSP, JEE
- Frameworks: MeshCMS, Spring MVC
- Programming language: Java, Perl, Python
- Database: MySQL, SQLite

Skills

Programming Languages

Java, Groovy, JavaScript, Python, Kotlin, Shell, Swift, C

Technologies/SDK/Frameworks

Java Core, JAX-RS, EJB3.x, Spring Core/MVC/Boot/Cloud, Apache Commons, Guava, JPA(Hibernate), JUnit, Mockito, Spock, Selenium, REST, SOAP, JSON, XML, XSLT, SAML, SSO

FrontEnd

HTML, CSS, JavaScript, LESS, Virtual/Shadow DOM, jQuery, Bootstrap, Angular, AJAX, React, underscore, ECMAScript 6

Java Build Systems

Gradle, Maven, Ant

Operation Systems

Mac OS X, Linux (CentOS, Ubuntu)

Databases

PostgreSQL, MySQL, MongoDB, SQLite

Servers

Tomcat, Jetty, Apache Httpd, JBoss, nginx, PingFederate

Development practices

- Scrum, Agile, TDD, unit-tests, e2e-tests
- Continuous Integration: Jenkins, Bamboo CI)
- Code review
- Clean code
- Documentation writing

Version Control

git, svn, hg

Languages

English (fluent), Ukrainian (native), Russian (native), Czech(A1)