

## Krzysztof Korolczuk



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### Experience

10.2017 - Current

#### **BNY Mellon – Manager Application Development**

03.2018 - Current

#### **CodersLab - Lecturer**

11.2016 - 10.2017

#### **Luxoft at UBS – Senior Software Developer/Team Leader**

Project type: OTC Derivatives - Transparency Reporting

- Leadership and mentoring for a team of 6 to 8 people
- Integrating the system with outer platform IDP (Integrated Data Platform)
- Implementation of new microservice which serves as expertise system of trade eligibility
- Development and maintenance of regulatory reporting framework for financial sector
- Performing technical interviews

11.2015 – 11.2016

#### **Luxoft at UBS – Software Developer**

Project type: OTC Derivatives - Transparency Reporting

- Development and maintenance of regulatory reporting framework for financial sector
  - On-boarding new joiners
  - Performing technical interviews
- Technologies: Java, Oracle, Spring Integration, JMS, XQuery, AppDynamics, AngularJS,

07.2015 - 10.2015

#### **Capgemini – Software Engineer**

Project type: Test automation framework

- Development and maintenance of test automation framework for financial sector
- Technologies: JUnit, Page Object Model, Data Driven Tests, HP Quality Center

01.2015 - 06.2015

#### **Soft-Project – Freelance Java Developer**

Project type: Website audit system, Knowledge sharing system

- Implementation of engine core for technical, usability, availability and overview audit of website
- Implementation of REST services architecture
- Implementation and maintenance of web application
- Implementation of engine core for crypt and watermarking media files

Technologies: Java, Hibernate, PostgreSQL, Spring Mvc, JSP, AngularJs, REST, Spring Data, Spring Security, Apache Sori, JBoss Drools

08.2014-02.2015

#### **Roche – Contractor from Dynamic Solutions**

- Responsibility for the maintenance of systems based on CQ5

Technologies: Adobe CQ5, Java, Apache Felix, OSGi

07.2014-02.2015

#### **Dynamic Solutions – Freelance Java Developer**

Project type: BIM Software (Building Information Modeling)

- Implementation of JEE prototype application for a BIM (Building Information Modeling)
- Establishing milestones
- Application tests

Technologies: Java, REST, JSON, JavaCC, JNI, SceneJS

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04.2012-07.2014

## SEVENT – Freelance Java Developer

Project type: Digital Signage System

- Implementation of surface management module
- Implementation of reports module
- Integration with google maps
- Unit and system tests

Technologies: Java, Seam, EJB3, JBoss, JSF, Richfaces, Primefaces, JavaScript, TestNG, SVN, JUnit, Hibernate, Quartz, JasperReports

12.2010 - 04.2012

## Soft-Credit

C++, Delphi developer

Maintenance of accounting, sales and production system.

- Implementation of drivers for fiscal devices Novitus and POSNET
- Implementation of communication module via ftp protocol for Windows Mobile 6 and Pocket PC
- Implementation of SMS module that works with GSM modems
- Implementation module for photo evidence

Technologies: C++, MFC, VCL, Delphi

## Skills

OS	Windows, Linux
IDE	IntelliJ IDEA, Eclipse, Clion
Languages	Java, JavaScript, C++, SQL, XQuery
RDBMS	PostgreSQL, MySQL, Oracle
FE	AngularJS, Bootstrap, CSS, JSP, JSF + Richfaces + Primefaces, JQuery
Frameworks	Hibernate, Spring MVC, Spring Data, Spring Security, Seam
Build	Maven, Gradle
Craftmanship	Sonar, SonarLint, FindBugs, Checkstyle, PMD, Code Review, Fortify
AS	Tomcat, Jboss, Jetty
Testing	JUnit, JBehave, TestNG, Mockito, Selenium
Monitoring	AppDynamics
CVS	GIT, SVN
Tracking	JIRA, Rally, BugTraq, Confluence, Code Review, GitHub, Stash
CI	Jenkins, TeamCity, Bamboo
Methodology	Scrum, Agile, Kanban
Others	REST, Apache Sori, JBoss Drools, JavaCC, SceneJs, Bower, JNI

## Publications

12.2015

### Generowanie aplikacji - JHipster

Article for the magazine "Programista" 11/2015 (45)

07.2016

### Wizualizacja generatorów liczb pseudolosowych z Cloud9, Babylon.js i dat.GUI

Article for the magazine "Programista" 06/2016 (49)

## Certificates

04.2015

Understanding financial markets - **Coursera**

Meeting Investors' Goals – **Coursera**

Portfolio and Risk Management – **Coursera**

Securing Investment Returns in the Long Run – **Coursera**

## Education

09.2010-10.2012

### Technical university of Bialystok

Computer science, Master's degree, A

10.2006-09.2006

### Higher school of Finances and Economics

Computer science, Licentiate, A

## Other

Courses:

Driving license category: B

Languages:

English - B2

Hobby:

Running, Boxing, Power lifting, Street Workout

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