

Software engineer  
& developer

**Stawomir Mazur** www.stricte.io  
mazurslawek@gmail.com  
+48.609.421.096  
m.slawek.

**objective** Role in challenging & creative environment as a software engineer/architect at company which will help me grow as a professional.

**tech gear** Java, PHP, IntelliJ, KNIME, MySQL, Couchbase, PostgreSQL  
  
JavaEE, Spring Framework, Vaadin, Zend Framework, Symfony, Rails, Magento, WordPress, Drupal, AngularJS, JavaScript, X/HTML, CSS, XML, Google AppEngine, Web Standards, Git, Subversion, SEO, Web design

**education** **MS in Computer Science, Wroclaw University of Technology, 10/2008 - 12/2010**  
department: computer science and management  
faculty: computer science  
specialization: software engineering

**BS in Computer Science, State Higher Vocation School in Nysa, 10/2004 - 03/2008**  
faculty: computer science  
specialization: applied computer science

**experience** **05/2013 - present**  
**Senior Java Developer, Picadilla, Poland**

Senior developer at social gaming company. Responsibilities include designing and developing scalable, low-latency framework for serving social games players. Framework is based on Spring, NIO, EHCache and NoSQL - Couchbase database. Main achievements so far was to reduce response time for CRUD like administrating panel by the factor of 10 and introducing TDD.

**01/2013 - 04/2014**  
**Software Engineer, IBM, Poland**  
IBM Internet Security Systems  
Managed Security Service

IBMer who is IBMing, obviously. Besides that, coder involved in architecture, development and maintenance of distributed, transactional, scalable system that process billions of security events per day. Co-author of module for reducing number of false-positives alerts in customer network monitoring system.

**02/2011 - 11/2012**  
**Software Engineer, University of Heidelberg, Germany**  
BioQunat, ViroQuant-CellNetworks  
RNAi Screening Facility.  
Research & Development for High-Content Microscopy & Data Mining.

Deployment of an open source, data mining platform - KNIME - for integrating, sharing and processing HCS data using a workflow-oriented architecture.  
Develop of image processing (signal processing, automated segmentation, morphological operation, structure identification, filtering, classification), statistics, bioinformatics and analysis methods. Data analysis including data modeling and visualization.

**experience** **03/2010 - 08/2012**  
**Associate Software Engineer, ETH Zürich, Switzerland**  
Light Microscopy and Screening Centre

Programmer involved in designing and modeling data from life science, essentially large scale biological image and sequence data.  
Co-author of HCDC a data management, data processing and data visualization software designed for biologists working in the High Content Screening (HCS) / High Throughput Screening (HTS) field. HCDC is an open source platform for a workflow environment of HCS/HTS for data exploration.

**03/2009 - 02/2011**  
**Senior Developer, Softisland, Poland**  
Senior Developer, introduced PHP Zend Framework to the company as a web application development platform and Magento as the best eCommerce solution.

In detail:  
- creating modules for Magento shopping cart  
- designing, developing and maintaining CMS system based on Zend Framework and jQuery  
- developing application [www.mysitevideo.com](http://www.mysitevideo.com) that allows users to upload videos and pictures for their shopping carts (Ruby on Rails)  
- subversion server administrating for 10 users  
- administrating LiteSpeed and Apache web servers

**08/2008 - 01/2009**  
**PHP Programmer, Planet Soft IT Outsourcing, Poland,**  
PHP Programmer working side by side bulding various social networking service and websites. Working mostly with Zend Framework and Symfony. Roles & responsibilities include designing/developing, testing and documenting web applications.

In detail:  
- working with Zend Framework, Symfony and Prototype frameworks  
- developing and designing elements of dating [www.partnersuche.com](http://www.partnersuche.com) and traveling [www.reisen.de](http://www.reisen.de) - social services for foreign customers  
- application development based on the provided specification  
- analyzing and documenting code (Quality Assurance)

**certificates & projects** Certificates  
**Oracle Certified Expert, Java Persistence API Developer**  
**Oracle Certified Professional, Java Programmer**  
**Zend PHP 5.3 Certified Engineer**  
**Zend Framework Certified Engineer**  
**Zend Certified Engineer**

Publications  
**HCIP - ImageJ in a Workflow-Based Framework for Image Processing**, Eighth International Workshop on Computational Systems, Biology, Zürich, Switzerland, June 6, 2011

**Z' Factor including siRNA design quality parameter in RNAi screening experiments**, Landes Bioscience Inc., RNAbiology, Volume 9, Issue 5, May 1, 2012

**RNAiAtlas: a database for RNAi (siRNA) libraries and their specificity**, Database, The Journal of Biological Databases and Curation, June 14, 2012

Languages  
**Polish, native**  
**English, very good**  
**German, basic**