

Michał Rudnicki

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Professional profile

Software engineer experienced in web application and web service development in any-size companies - from startups to national corporations, comfortable with working across reporting lines between engineering and business.

Specialized in advanced object oriented and multi-paradigm programming, scalable and maintainable application development, heavy traffic handling, software integration, complex cross-domain problem solving, software refactoring, managing migration.

I have experience in designing and executing software architectures, managing software life cycle and its orderly evolution, leading and mentoring teams of developers, organizing work environment.

Work experience

2011-2013 → Senior Frontend Engineer, Tuenti Technologies SL, Madrid, Spain

Responsible for development and maintenance of staging platform for stress-testing new code releases in production environment in coordination with systems and devops teams. Design, prototyping, development, support, migration and refactoring, documentation writing and testing of core frontend framework and web store. Mentoring of junior team members, involved in candidates selection process.

FBI Framework – robust, scalable and performant web framework playing key role in Tuenti platform landscape (PHP, Ajax, MVC, ReST, XML, JavaScript, YUI).

Tu Store – web store for mobile division integrated with 3rd party data source provider with built-in revision control, revision comparison tool, preview mode, logging and sign-off system (PHP, XML, XPath, SOAP).

2009-2011 → Senior Developer, Imagine Communications, Dublin, Ireland

Leading a team of developers, responsible for design, development, integration, and maintenance of back office web applications. Responsible for communication with internal and external stakeholders, compiling technical requirements, specification, and design, interfacing between managers and engineers, mentoring engineering team. Responsible for organizing development process, release management, quality assurance, and setting up development toolkit.

Walled Garden - provisioning, reporting, and diagnostic system for WiMAX network, featuring point-in-time service history, transactional processing, integrated with Motorola provisioning stack (PHP, Zend Framework, MVC, DAO, XML, ReST).

WSL - store-and-forward middleware integrated via XML with 3rd party CRM application (PHP, SOAP, WSDL, ReST).

Acceptable Usage Policy Tool - portal for monitoring and reporting on bandwidth usage policy violations, integrated with custom network reporting tools and business analysis software (PHP, Zend Framework, MySQL).

Comms Portal - supervised extraction of communications platform from *Walled Garden* (PHP, refactoring).

GRILL Server - RESTful publish-subscribe messaging hub, key architectural component carrying notifications about business events across corporate ecosystem.

2008-2009 → Lead Developer, Blastbeat Ltd, Dublin, Ireland

Leading development of corporate CMS platform and social network. Design, development, coordination of subcontractors' work, server setup and maintenance.

www.blastbeat.org – multilingual CMS with revision control, approval system, and SEO URLs (PHP, MVC, MySQL, Ajax).

www.blastbeat.tv – social networking site for youth music enthusiasts with video remixing capabilities, live skin creator, global search engine, social content moderation, refactoring of parts of legacy applications (PHP, MVC, MySQL, Ajax).

meanwhile (personal project) → Folksr – social “see also” widget for blogs

Folksr delivers related posts from not only your blog, but also from your friends' blogs. Similar entries are being looked up based on tags provided by each party. See <http://folksr.com> for more (PHP, MVC, PostgreSQL, CSS, Ajax).

2007-2008 → **Web Developer, Paddy Power plc**, Dublin, Ireland

Web applications development, web site optimization for high traffic.

www.paddypowergames.com – gaming microsite redeveloped from scratch to ensure scaling under heavy traffic and detailed ads, promotions and competitions management based on affiliate programme and/or language version (PHP, MVC, HTML, CSS).

In-house business support applications: *Tech Support Desk, Stationery Ordering System, Change Notification System, Gaming Machines Maintenance Log, Affiliate Management System* (PHP, MVC, HTML, CSS, MySQL).

meanwhile (personal project) → **Tigermouse – Open source PHP/Ajax web framework**

Open source, event driven, MVC web framework with transparent Ajax support. Greatly inspired by Java SWT toolkit. See <http://tigermouse.epsi.pl> for details. Now discontinued.

2004-2006 → **Software Engineer, Betasoft Sp. z o.o.**, Zabrze, Poland

Responsible for development, documentation writing, prototyping and experimenting with new libraries and tools.

eDokumenty – Document flow management system. Integrated with email, scan and fax, fitted with CRM subsystem, ticketing, credit control (PHP, PostgreSQL, Active Record, Ajax).

2000-2003 → **Co-owner, EPSI s.c.**, Częstochowa, Poland

Wired and wireless network engineer, web applications developer, hardware reseller.

www.ip.us.edu.pl – CMS developed for Institute of Psychology, University of Silesia, Poland (PHP, MySQL, HTML, CSS).

Education

1999-2004 → **MSc in Computer Science** – Częstochowa University of Technology, Poland

2012 → **Erlang Camp** – Faculta de Informática, Universidade da Coruña, Spain

Skills and qualifications

software engineering	excellent understanding of object oriented programming UML, design patterns, MVC architecture, metaprogramming experience in refactoring/restructuring live systems, test driven development Scrum, Kanban, pair programming and agile methodologies
programming languages	excellent command of PHP, X/HTML, JavaScript, CSS, and SQL Ajax, jQuery, XML and related technologies (RSS, XSL, XPath, SOAP), API design UNIX/Linux (bash) shell scripting experience in Erlang, Java/SWT, C, Pascal, assembly
databases	PostgreSQL, MySQL, SQLite de/normalisation, indexing, profiling, transactions, ORM, Active Record, DAO
tools	UNIX and GNU command line utilities, Mercurial, Git, CVS, Subversion Zend Framework, Doxygen, PHPUnit, Jenkins/Hudson
project management	experience in technical leadership of a software project, teamwork coordination, interfacing between business and engineering, working across teams, candidate selection, mentoring knowledge of HCI, UX, and successful user interface design
languages	English – full professional proficiency, Polish – mother tongue, Spanish – limited proficiency

Interests

IT interests coding for fun and blogging about it, non-mainstream programming languages

non-IT jazz and fusion music, guitar playing, cooking, swimming, rock climbing, sailing