



MICHAŁ FRACKOWIAK

SOFTWARE DEVELOPER

✉ michalfrackowiak@vp.pl

🏠 Gdynia

🌐 <http://www.mfx.ovh>

☎ +48 510-378-422 📅 03.06.1986r

■ QUALIFICATION SUMMARY

Energetic, analytical programmer with a strong working knowledge of algorithms, data structures, scalability, web services, cloud computing and more than 4 years of combined experience, seeking opportunity to hone and grow in chosen field.

- Design, develop, implement high scalable and extensive web services adapted for cloud computing and big data handling using Python, Celery, RabbitMQ, Redis, Memcached, Cassandra, Web extraction tools (Scrapy, CasperJS)
- Develop, software for administrative, web and mobile systems using Python, PHP, Java, Javascript, related tools.
- Analyze information to determine, recommend, plan installation and modification of software system.
- Ability to design software to increase efficiency in workflow and computer operations.
- Enhance the working ability of the existing business systems by using efficient software programs.

■ EDUCATION & TRAINING

2012 – to present **[Doctorate]** Department of Information Systems
 2009 – 2011 **[Master]** postgraduate studies - Business Informatics
 2005 – 2009 **[Licentiate]** undergraduate studies - Computer Science & Econometrics
 LANGUAGES: English & German - good working knowledge, Polish – native



UNIVERSITY OF GDAŃSK
dept. of BUSINESS INFORMATICS

■ PROFESIONAL EXPERIENCE

02.2016 – 07.2016 **Software / Web Developer in Idego.pl** (Web & Mobile App Development)

PROJECT: Raspberry Pi mobile app that recognize car plates from camera based images and verifies OC insurance.
TASKS: Application development based on existing open source technologies and tools.
TOOLS: Python27, PyGame, OpenALPR, OpenCV 3, VLC, asynchronous multithreading and real time image processing.

04.2015 – 02.2016 **Web Developer in Stermedia.pl [subleased employee]** (Web App Development)

PROJECT: Development of a social job portal with career planning and company/employee review functionality.
TASKS:

- Extraction, Aggregation, Restructuring of large data sets. (job offers, reviews, articles)
- Automatic review and job category classification (text mining, language processing, machine learning)

TOOLS: Python27, Django, REST, RabbitMQ, Celery, Cassandra, Scrapy, Scikit-learn, Natural Language Toolkit.

06.2014 – 04.2015 **Software / Web Developer in Idego.pl** (Web & Mobile App Development)

PROJECT: Fashion & Clothing social network platform (especially backend development and data extraction).
TASKS: Development of a web data extraction app that continuously extracts and parses data for over a million products from near a hundred different web services. Used hear a distributed multi server easy scalable architecture with proxy balancing abilities with a cross platform database system.
TOOLS: Python, JS, Django, RabbitMQ, Celery, Scrapy, CasperJS, scalable distributed task queue architecture.

2014 – to present **Freelancer** (Web Developer)

PROJECTS: Developed several various web pages from scratch based on frameworks (with graphic design).
EXAMPLES: www.containercampark.pl, www.electroworld.pl, www.santorini-jastrzebia.pl, www.e-loan.pl
TOOLS: PHP, JAVA, Python27, JS, Wordpress, Django, NodeJS, JQuery, CasperJS, SQL, Adobe[PS, AI, AE], Bootstrap.

09.2012 – 01.2014 **Software / Web Developer in PolStock.pl** (Software Development)

PROJECT: Stock Market web platform, technical analysis of trends, predictions, stock market competitors comparison.
TASKS:

- Handled complex analysis and intricate programming to meet project requirements.
- Participated in development of large-scale, thread-safe, high performance solutions.

TOOLS: PHP, JAVA, JavaScript, jQuery, Ajax, MySQL, HTML, CSS, caching solutions, big data processing.

03.2012 – 09.2012 **PHP Developer in PolStock.pl [Trainee]** (Software Development)

- Handled database and web based software programming tasks. Prepared the technical documentation.
- Replaced time-consuming, error-prone manual processes with automated solutions.
- Developed new algorithms and flow charts.
- Designed database for the prepared solutions.

05.2009 – 06.2012 **IT Specialist in Face Club - Tourism & Entertainment industry.**

- Recommended, delivered, implemented and evaluated back-office tools supporting ecommerce initiatives.
- Implemented cross-platform, Java-based POS system (including enhancements, maintenance and support).
- Used social media channels to help businesses stay competitive and build customer loyalty.
- Administrated a network infrastructure providing access to LAN / WLAN to increase mobility and productivity.

■ TECHNOLOGY SUMMARY

CODING: Python, Java, PHP5, Javascript, jQuery, SQL, HTML5, CSS3, Bash & PowerShell scripts, RegEx, CURL, Json, XML.
DATABASES: MySQL, PostgreSQL, Oracle DB, distributed database's, NoSQL, MongoDB, Cassandra, Redis, Caching solutions.
NETWORKING: CCNA certification, TCP/IP, FTP, SFTP, SSH, WLAN, VPN, proxy balancing, Apache, Nginx, Cloud Services.
DESIGN: Adobe Suite: (Ps, Ae, Fl, Fb, Ai, Fw, Dw). **OS:** OSX, Win, Cygwin, Linux etc, WinServer, Git, git-flow
TOOLS: Zend, Django, WordPress, PhantomJS, CasperJS, Scrapy, Smarty, Bootstrap, JetBrains IDE, Clouds

■ PERSONAL SKILLS

- Rapidly assimilation of new skills and technologies. multilingual and cross platform coding.