MICHAŁ FRĄCKOWIAK 🐍

Python / Django Developer

@ michalfrackowiak@vp.pl   ⌂ http://www.mfx.ovh   ☎ +48 510-378-422

QUALIFICATION SUMMARY

Energetic, analytical programmer with a strong working knowledge of algorithms, data structures, scalability, web services, machine learning, cloud computing and more than 6 years of combined experience, seeking opportunity to hone and grow in chosen field. <u>Experienced in:</u>

- Full software life-cycle, architecting scalable extensible platforms, object oriented programming, MVC design pattern, database design, version control, continuous integration and agile methodologies.
- Software for Enterprise resource planning and management of core business processes.
- Robust, scalable, secure, extensive and globalized web-based applications adapted for cloud computing.
- Analyze information and user needs to optimize the working ability of existing software.
- Data parsing using Natural Language Processing and Machine Learning Systems.

EDUCATION & TRAINING

2017 (6 months)	**[Course in NL]** Writing clean, testable, high quality code in Python **(Permanent Markers NL)**
2012 – 2016	**[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

12.2016 - present   Python / Django Developer   Tricodi.com

- Re-made a ERP system written in .NET using Python and Django framework. Determined optimal business logic implementations, applied best design patterns. System was based on adjusted Django admin panel with Materialized CSS framework and Django related external libraries. [**International Team – High code quality – double review practice**]
- Developed a fully automated continuous integration system using Git, Jenkins, Bash, VPN tunneling.
- A Django REST API and a RaspberryPi Tkinter client for each workplace in a fabric for managing of production process.
- Discusses technical and design issues with other developers, managers, users or customers whenever necessary to achieve best solution, communicate and provide technical support to other functional groups in project.

06.2014 – 10.2016   Python / Django Developer   Idego.pl

- Raspberry Pi mobile app that recognize car plates from camera based images and verifies OC insurance. Application development based on open source technologies and asynchronous multithreading and real time image processing tools
- Development of a social job portal with career planning and company/employee review functionality. Extraction, Aggregation, Restructuring of large data sets. Text mining, Natural language processing, machine learning.
- Fashion & Clothing social network platform (especially backend development and data extraction). 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 a distributed multi server scalable architecture with proxy balancing abilities and multiple databases.
- Investigate new technologies, tools and processes and make recommendations for adoption

2014 – to present   Freelancer / Web Developer

- Developed several various web pages from scratch based on frameworks (with graphic design).

09.2012 – 01.2014   PHP Developer   PolStock.pl

- Stock Market web platform, technical analysis of trends, predictions, stock market competitors comparison.
- Handled complex analysis and intricate programming to meet project requirements.
- Participated in development of large-scale, thread-safe, high performance solutions.
- Replaced time-consuming, error-prone manual processes with automated solutions. Developed new algorithms and flow charts, designed database for the prepared solutions. [PHP, JS, MySQL, HTML, CSS, caching solutions, big data processing]

05.2009 – 06.2012   IT Specialist / Java Developer   Face Club

- 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.

TECHNOLOGY SUMMARY

CODING:	Python, JS, PHP, JAVA, jQuery, SQL, HTML5, CSS3, Bash and PowerShell scripts, RegEx, Json, XML, Markdown.
DATABASES:	PostgreSQL, MySQL, MSSQL, Cassandra, Redis, NoSQL, MongoDB, Memcached, Caching solutions.
NETWORKING:	CCNA certification, TCP/IP, FTP, SFTP, SSH, VPN, proxy balancing, Apache, Nginx, Cloud Services.
WORKFLOW:	Git, Git-Flow, Buildout, Redmine, Jira, Trello. **OS:** Linux, OSX, Windows, Raspbian, Cygwin, ChromeOS.
FRAMEWORKS:	Django, Tkinter, PyGame, Zend, WordPress, PhantomJS, CasperJS, Scrapy, Smarty, Bootstrap, Material.
OTHER TOOL:	Docker, RabbitMQ, Celery, Scikit-learn, Natural Language Toolkit, Jenkins, PEP8, Sentry, Cutting-edge technology stack.

PERSONAL SKILLS

- Rapidly assimilation of new skills and technologies, cross platform coding, Proven ability to handle complex issues