Curriculum Vitae

Motiejus Jakštys

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September 19'th, 1989
Lithuanian

Desired employment: **Programmer / Systems engineer**

Work experience	• **7/2011–now:** UAB Mano Numeris (Erlstate software). Erlang software engineer. Skills: distributed computing, data integrity being the first requirement. Technologies: Erlang and tools.
	• **8/2010–11/2011:** Idiles Systems, UAB. Python web developer and CTO. Role: programming and leading 4-6 developers team. Main responsibilities: making decisions about system architecture. Programming. Technical team support (regressions, failed migrations, server crashes). Deploying production servers. Major work with these websites: BeFluentIn, LiveOpenly. Technologies: Django, Pylons, PostgreSQL, Javascript, GIT.
	• **7/2009–9/2010:** Jocom, UAB. Company focusing on VoIP reselling. Responsibilities: intranet (PHP), exotic network configuration administration, Linux (Debian, CentOS), FreeBSD, HA MySQL, virtualization solution in Xen deployment, designed and implemented SoundPatty (C++).
	• **2007–2009:** HealthyComp, Inc. SEO (search engine optimization) web application/engine (PHP, Django). Ubuntu web server administration.
	• **2007**: Volunteer work in Vilnius Lyceum. Created LicMail web mail system for teachers (PHP).
	• **2005 summer**: Private employer. Desktop application for a warehouse book-keeper (Delphi).
	• **2004 summer**: TEV, UAB. Mathematics and German text typer in LaTeX.
Programming languages, technologies	• **Python (Django, Pylons, SQLAlchemy, Genshi, Mako, ...):** from 2008, using actively.
	• **Erlang (PropEr, meck, mochiweb, mnesia, ...):** from 2011. Current employer.
	• **Perl:** 2009-2010. Asterisk AMI library, system administration.
	• **C++:** Olympiads from 2004. 2009-2011: SoundPatty (sound recognition application).
	• **Java:** scalable ryanair crawler based on Selenium 2.
	• **PHP, Smarty:** 2004-2010. Web programming.
	• **JavaScript (jQuery), CSS, (x)HTML, REST, SOAP, MySQL, PostgreSQL:** from 2005. Using actively for web programming.
	• **FreeBSD, Linux. Various servers and services, deployment scripts:** from 2006. Heavily used for servers and desktops. Passionate about open-source.
	• **Good HTTP and low level networking knowledge:** IEEE 802.1Q, routing, DNS, firewalls (iptables), tcp/ip, ipv6 routing. Network related work since 2007.
	• **Server virtualization (VirtualBox, Xen, KVM via libvirt):** Xen based server farm solution in JOCOM. Testing and benchmarking interesting KVM setups.
	• **Asterisk** 1.2, 1.6 (with sound recognition via JACK). 2009 onwards: **Nagios, SVN, GIT.**
	• **Test driven development.** I encourage tests-first development.
Education	• **2010–2013:** University of Glasgow, Computing Science and Electric Engineering BSc
	• **2009–2010:** Vilnius University, Financial and Actuarial Mathematics (unfinished)
	• **2004–2008:** Vilnius Lyceum.
Olympiads, competitions	• 2008 2'nd place in prof. J. Matulionis Junior mathematicians' competition.
	• 2008 2'nd place Junior mathematicians' competition in Šiauliai university.
	• 2004, 2005 1'st place in Lithuania Olympiad in Informatics (Pascal).
Languages	Lithuanian: mother tongue, English: fluent, German: good, Russian: beginner.
Personal qualities	You can give me a work and forget about it (I will come back when it's done). I work alone easily and learn rapidly. I am considered being responsible, disciplined, well organized. I love what I do.
Hobbies	I travel a lot, usually hitch-hiking (hitch-hiked >10 000 km). I am a member of technical committee in Lithuania Informatics Olympiad since 2010.
Other skills	Orienteering sports. Lithuania ski orienteering champion in 2007.

Recommendations (contacts available upon request)

Žilvinas Bartkus	Employer at JOCOM, UAB.
Bronius Skūpas	Leader of Technical committee of International and Lithuanian Olympiads in Informatics.