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Desired employment:

Programmer / Systems engineer

Work experience	<ul style="list-style-type: none">• 7/2011–now: Mano Numeris, UAB (Erlstate software). Erlang software engineer. Skills: distributed computing, data integrity being the first requirement. Technologies: Erlang and tools.• 9//2011–now: University of Glasgow Students' Representative Council. Systems engineer. Responsibilities: Enhancing server and networking infrastructure. Working on storage cluster and configuration automation for Xen VMs. Focuses: automatic provisioning and failure recoveries.• 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 (feature regressions, failed migrations, crash handling). Deploying production servers. Major work with these websites: BeFluentIn, LiveOpenly. Technologies: Django, Pylons, PostgreSQL, Javascript, GIT.• 7/2009–9/2010: Jocom, UAB. Lithuanian based company doing GSM termination. Core systems developer and system administrator. Technologies: Linux (Debian, CentOS), FreeBSD, HA MySQL, virtualization solution in Xen and KVM deployment with FreeBSD ZFS-based SAN. Exotic distributed gateway network administration built on customized OpenWRT and OpenVPN. Designed and implemented SoundPatty (C++) to recognize IVR for Asterisk VoIP platform.• 2007–2009: HealthyComp, Inc. SEO (search engine optimization) spam engine (PHP, Django).
Programming languages, technologies	<ul style="list-style-type: none">• Python (Django, Pylons, SQLAlchemy, Genshi, Mako, ...): from 2008, using actively.• Erlang (PropEr, meck, mochiweb, mnesia, ...): from 2011. Current employer.• Perl: 2009-2010. Asterisk AML library, system administration.• C++: Olympiads from 2004. 2009-2011: SoundPatty (sound recognition application).• Java: scalable ryanair crawler based on Selenium 2. Android projects at university (get2gether).• 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.• 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 (later migrated to KVM).• Chef for server configuration management. Recently started applying to my provisioned servers.• Asterisk 1.2, 1.6 (with sound recognition via JACK). 2009 onwards: Nagios, SVN, GIT.• Test driven development. I encourage tests-first development.
Education	<ul style="list-style-type: none">• 2010–2013: University of Glasgow, Bsc of Mobile Software Engineering. Faster route.• 2009–2010: Vilnius University, Financial and Actuarial Mathematics (unfinished)• 2004–2008: Vilnius Lyceum.
Olympiads, competitions	<ul style="list-style-type: none">• 2008 2nd place in prof. J. Matulionis Junior mathematicians' competition.• 2008 2nd 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	I am more than happy to take a task and give it back once it's complete. I work alone easily and learn rapidly. I am considered being responsible, disciplined, well organized. I love what I do.
Hobbies	I enjoy being in nature; I often participate and organize hiking, cycling and hitch-hiking 2-5 day trips. Also orienteering sports. Lithuania ski orienteering champion in 2007.
Driving license	Categories A and B
Recommendations	(contacts available upon request)
Gavin Reynolds	Employer at University of Glasgow Students' Representative Council
Bronius Skūpas	Leader of Technical committee of International and Lithuanian Olympiads in Informatics.