

# ALES GUZIK

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## EDUCATION

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<b>Belarusian State University of Informatics and Radioelectronics, Minsk</b> Faculty of Computer Systems and Networks M.S. in Computer Science & Software Engineering	<i>July 2013</i>
<b>Belarusian State University of Informatics and Radioelectronics, Minsk</b> Faculty of Computer Systems and Networks B.S. in Systems Engineering	<i>July 2012</i>

## HAVE EXPERIENCE WITH

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<b>Operating Systems</b>	Linux (Arch, Debian, CentOS, Ubuntu), Mac OS X
<b>Programming Languages</b>	Clojure, Ruby, C, Bourne-compatible shells, JavaScript, Perl, C++, Common Lisp, Erlang, Factor, Scheme, Lua, Python and more
<b>Markup and Typesetting</b>	L <sup>A</sup> T <sub>E</sub> X, HTML, HAML, Slim, CSS, SASS/SCSS, Less, Bootstrap
<b>Server technologies</b>	Chef, Nginx, Apache httpd, OpenSSH, Postfix, Prosody, vsftpd, Squid, Corosync, Pacemaker, DRBD,
<b>SQL Databases</b>	PostgreSQL, MySQL/MariaDB, SQLite
<b>NoSQL Databases</b>	Neo4j, OrientDB, MongoDB, Cassandra
<b>Tools</b>	zsh, git, emacs, vim, tmux, gpick, ctags, the silver searcher, GNU Global, splint, gdb, strace, valgrind, gprof
<b>Programming paradigms</b>	Imperative, Object-oriented (class-based, prototype-based), Functional, Concatenative (stack-based).

## WORK POSITIONS

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<b>Rubyroid Labs, LLC</b> <i>Senior Software Engineer</i>	April 2014 - Present <i>Minsk, Belarus</i>
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<b>Intetics Co.</b> <i>Senior Software Engineer</i>	July 2013 - April 2014 <i>Minsk, Belarus</i>
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- Made fully-automated production server setup
- Worked on refactoring legacy codebase
- Worked on security-related features (ip whitelisting, xss testing)
- Implemented backend service for mobile apps.
- Implemented automatic management of VPN servers DNS rotation

<b>Belarusian State University of Informatics and Radioelectronics</b> <i>Teaching assistant at Electronic Computing Machines Department (part-time)</i>	February 2013 - January 2014 <i>Minsk, Belarus</i>
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- Taught students how to use git and github.
- Together with students formalized grading criteria.
- Formalized some code quality metrics.

- Taught interested students linux in my spare time.

**PowerMeMobile, Inc.**

January 2013 - February 2013

*Problem solver*

*Minsk, Belarus*

- Gave an idea of automating deployment process (new tier deployments may take up to a month of SysAdmin team work).
- Implemented initial stages of deployment automation (installing base cluster software, configuring corosync/pacemaker, installing and configuring DRBD and nginx as resource agents) using Chef.
- Made entire deployment configurable from a single place (from chef workstation using node attributes).
- Got an agreement on opensourcing this efforts.

**Altoros Systems, Inc.**

October 2011 - September 2012

*Software Engineer in Ruby department*

*Minsk, Belarus*

- Proved that custom multisite functionality is a bad idea. Dropped the hacks and refactored application to use rails 3 engines.
- Participated in porting internal RightScale services (mostly sinatra+cassandra) to JRuby to utilize native Thrift.
- Participated in all stages of design and development on many projects.

**Itransition, Inc.**

February 2011 - October 2011

*Junior Developer in Ruby department*

*Minsk, Belarus*

- Solely ported large social gaming engine from Rails 2 to Rails 3.
- Initiated using SCSS and Compass, which led to stylesheets development and modification speedup.
- Configured production server from scratch and setup automated Capistrano deployment.

## SOME RANDOM FACTS

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- I use Dvorak keyboard layout
- I like cycling
- First time I installed and started playing with linux was 9 years ago (it was Mandrake 10 in 2005)
- Somewhere in the past I was passionate about japanese animation, so I learned some japanese (have JLPT4 certificate)
- I have contributed to upstream of at least 11 opensource project and have some personal opensource projects.
- I am in an eternal search for a perfectly expressive programming language.