

# Jonns Mostovoy

✉ <http://memorici.de>



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## Most used development tools

Languages	Elixir, Erlang, Ruby, JS, Sh, C
Data Stor.	PgSQL, Riak
Op. systems	Arch Linux
Doc. systems	Heredocs, Edoc, Twiki, L <sup>A</sup> T <sub>E</sub> X
Build systems	GNU Make, Rebar
RCS	Git, Mercurial
IDE	VIM, Sublime Text 2, IntelliJ
WM	Awesome

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## Languages

Russian	<b>Native</b>
English	<b>Fluent</b>
Latvian	<b>Intermediate</b>

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## Work experience

- 2013– **Software Engineer**, *Spawngrid*, Vancouver, BC (working remotely).  
Bex.io. Duties:
- Integrating project with an automated deployment system
  - Automatization of initial deployment using hypervisor hosts
  - Development and implementation of integrity validation algorithms
  - Implementation of distributed system components in Elixir
- 2012–2013 **Senior Erlang Developer**, *Inbet*, International (worked remotely).  
Erlang/Elixir programming.
- Implementation of distributed systems in Erlang/OTP and Elixir
  - Code reviews
  - Application architecture
- 2011–2012 **Software Engineer**, *VeryPositive*, Riga.  
Java and Android programming.
- 2011–2012 **Software Engineer**, *VeryPositive*, Riga.  
Erlang programming.
- 2009–2011 **Software Engineer**, *DSW*, Riga.  
Banking systems.
- Built in C#.NET with extensive use of T-SQL
  - High load system operating on big data
  - Interconnection with legacy systems
  - Design and implementation of complex algorithms in stored procedures

2008–2009 **Software Engineer**, *VeryPositive Software*, Riga.

KS Storage Management system.

- ERP/Accounting solution
- Component-based architecture

2007–2008 **Software Engineer**, *VeryPositive Software*, Riga.

Professional.ru.

- Built in PHP/MySQL
- High load system architecture and optimization
- Statistical data algorithms
- Sphinx indexing

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## Recent individual projects (2013)

- Dyntap My take on encrypted network stack implementation with dynamic routing and encryption.
- Saloon2 Rapid development web framework built on top of Cowboy HTTP server re-written in Elixir.
- FUbbit Wrapper and deploy scripts for official RabbitMQ Erlang client that works well with rebar and Elixir.

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## Recent contributions (2013)

- Ybot Added missing features and refactored IRC protocol implementation.
- WPT Implemented Erlang/Cowboy module in a HTTP benchmarking framework.
- Elixir Original pretty printing implementation based on Hughes-Wadler document algebra.

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## Recent competitions (2012)

- Spawnfest Team HINT, 3<sup>rd</sup> place
- ICFPC Team TBD, 25<sup>th</sup> place

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## Education

2008 **Secondary School #22**, *Riga*.

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## Interests

- Programming <http://github.com/manpages>
- Math and CS Founder of "M/CS Student Club of Riga"
- Music Progressive rock, Art rock
- Sports Ice Hockey, StarCraft II

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## Personal information

- Age 24
- Marital status committed relationship