Jonn Mostovoy

🖰 *http://memorici.de*

───── Most used development tools

Languages	Haskell, Erlang and Elixir
Storage	PgSQL, Riak
Distro	NixOS
Docs	Haddoc, Edoc, LaTeX
Build	Nix, GNU Make, Cabal, Rebar
CI	Hydra
RCS	Git, Darcs
IDE	Emacs (Haskell/Org-Mode), VIM
WM	XMonad

───── Languages

Russian	**Native**
English	**Fluent**
Latvian	**Intermediate**
Croatian	**Basic**

───── Work experience

2007–2009	**Software Engineer**, *VeryPositive Software*, Riga.
2010–2012	○ PHP/MySQL web-development — we wrote professionali.ru
	○ Java — Android development (topping freelancer.com rankings)
2009–2010	**Software Engineer**, *DSW*, Riga.
	○ C#, T-SQL — banking software
	○ Visual FoxPro code rewrite in C#, sending tarballs, pain, suffering
2012	**3D-design and open-source programming**, *Self-employed*, Riga.
	○ Blender — making 3D stuff then rendering it
	○ Erlang — writing FOSS libraries and applications
2012–2013	**Senior Software Engineer / Consultant**, *Inbet*, International (remote).
	○ Discrete modelling — proving facts about code model
	○ Erlang — team migration from node.js, implementing betting system
2013–2014	**Software Engineer**, *Bex.io / Spawngrid*, Vancouver BC (remote).
	○ Python, C++ — 3rd party library patching and BIP implementations
	○ Elixir, PgSQL — ledger, bitcoind interaction
2014–2015	**Project Manager / Frontend Teamlead**, *???*, Miami FL (remote).
	○ JavaScript — Webpack, React, Jsverify
	○ Erlang — digging awful legacy code

Stuff I'm Proud Of

ICFPC	Our team is one of the best — 4th place last year, always in top-30.
Spawnfest	In 2012, we wrote Hoogle for Erlang's typespecs, getting 3rd place. If I wasn't a Uni drop-out, I'd write a paper about it or something.
Self-taught maths	I've learned calculus and linear mathematics by myself, but what I really care about is discrete maths — love modal logic, category theory and type theory. Currently digging HoTT.
Self-taught Haskell	Haskell is a pretty strange language learning it only with LYAH and RWH is something to be proud of, in my opinion.
Contributions to Moxie's Convergence	CA system is broken. Moxie fixed it. Nobody cared. But I was there when hot stuff was happening.
Contributions to Elixir stdlib	Original pretty printing implementation based on Hughes-Wadler document algebra.
Pwning buses	Reported serious vulnerability in Ecolines ticket booking service that got confirmed. Reported vulnerability in on-board per-passenger computer middleware.
Starting Business	In July 2015 I've started my own business, targeting open-source writing and FP consulting.

Education

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

Interests

Programming	`http://github.com/manpages` (my github is a huge code dump, good luck finding pearls there!)
Math and CS	Reading papers about distributed systems and Haskell stuff
Music	Progressive rock, Art rock
Sports	Ice Hockey, StarCraft II
Other	Tabletop RPG, Science Fiction, Interactive Fiction

Personal information

Age	25
Marital status	commited relationship