Artem Golovinsky

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- Skype: artem_garry
- Github: https://github.com/2garryn
- Location: Russia, Saint-Petersburg
- Languages:
    - Russian - native
    - English - intermediate
- Permission to work: Russia
- Recommendations: LinkedIn

> Erlang is my main and favorite programming language, because everything in this world is a process and Erlang follows this approach rightly. But generally it doesn't matter which language you use in your team, because the key of success is to be sure everybody's on the same page and to follow the right processes.

Experience

Software engineer at Redgage LLC

12.2014 - present | Remote job

Maintenance and development of the new features for backend of social network based on Riak and Riak-Core. Participation in mobile client development.

- Design and implementation of JSONRPC2 API from backend side;
- Statistic page about users activity in JS, using React and React-Router;
- Working with UI team on mobile client, based on React, React-Router, Flux and Flummox. Implementation of 'stores' over Flummox and requests to my JSONRPC2 API;
- Helping management with team-leading functions. I don't have official team-leader position, but sometimes I take that function;

Software developer at Smart-Processing

08.2014 - 12.2014 | Saint-Petersburg

- Design and development of the new features for distributed payment processing system;
- Abstract layer over Kannel and esmtp in Erlang;
- File server with HTTP interface using Riak;

Software developer at Reksoft

07.2012 - 08.2014 | Saint-Petersburg

Participant of the consultation team for AlertLogic. I was occupied in improvement of distributed infrastructure of the log collection system.

- Developing features and automatic tests for a distributed job execution framework;
- Analysis of production metrics and fixing of urgent issues on live system;
- Implementation of effective pool of workers for MySQL client;

Software designer at Mera Networks

05.2009 - 07.2012 | Nizhniy Novgorod

Outsourcing for a well-known telecom equipment vendor.

- Maintenance and development of a software platform for developing high-loaded distributed blade clusters as part of a cellular network;
- Participation in negotiations with the customer;
- Product requirements analysis;
- Product documentation writing;
- Automation tests writing for system components;

System administrator/web-programmer at Hvoya Interior

09.2008 - 03.2009 | Zavolzhie

- Network administration;
- Writing web applications using PHP, JavaScript and MySQL for the web sites of company;
- Administration of Samba server and 1C:Enteprise (Russian-oriented ERP);

Technical Experience

Programming languages

- **Erlang** - developing applications, troubleshooting and correction existing code. Most of my code is written in Erlang. In different projects in my carrer I learned and used **Riak** and **Mnesia** as databases. **Riak Search** as search framework over **Riak**. **Riak-Core** for distributed job execution. **Mochiweb** and **cowboy** as web-servers. Improved **poolboy** as worker pool.

- **JavaScript** - ES5 and ES6 standards. Implementation of logic parts for mobile client based on **Cordova**. Used technologies: **React**, **React-Router**, **Flux**, **Flummox**. **NPM** was used as dependencies control system and **Webpack** as bundle creator.

- **Python** - used only for pet-project that is not released yet. It has JSONRPC2 HTTP API. I use **gevent** to parallize JSONRPC2 batch request, **flask** as web-server to provide HTTP JSONRPC2 interface and **sqlalchemy** as ORM over **MySQL**.

- **SQL** - MySQL dialect. I didn't use it on regular basis, because previous projects tried to avoid SQL databases usage in favor of **Riak**.

- **Shell** - writing simple scripts, **Bash**, **C-shell**. But I prefer to write shell scripts using **Python**.

- **C++ with Qt** - small project in start of my carrer.

- Readiness to learn and improve my skills in technologies like Python, Erlang, Elixir, Go.

Tools & Protocols

Linux, emacs, Adobe Framemaker, ClearCase, git, REST, Pubsubhubbub, exmpp, rebar, SNMP, TCP/IP family, JSONRPC2.

Side Projects

- **Mamba (not released)** - aggregation articles, tweets and other information from RSS, Atom and Twitter.com and inserting data to Riak NoSQL database. In scope of this project I implemented following things:

    - Erlang client for twitter streaming API (http://dev.twitter.com/pages/streaming_api) Code was not released, because it was in beta stage when I left project.
    - Erlang client for real-time content releaser http://superfeedr.com/. Code was not released, because it was in beta stage when I left project.

- **Alogger** - abstract logger framework for Erlang in scope of **Spawnfest**. I wrote "parse_transform" part.

- **URL shortener in Erlang** - Please note, that it was created on start of my carrer:)

- **Nasoc** - SOCKS5 in Erlang with statistic saved to Riak.

- Tool that helps to create algorithm for woodworking machine. Qt and C++

The End