Andrei Dziahel

Brest, Belarus
+375297967175
develop7@develop7.info
http://develop7.info/

Software developer since 2005.

Most of the software I have been working on was web-based, with few exceptions. Usually, I was implementing business logic on both backend and frontend (though I seemed to be capable handling eye-candy-related tasks as well). When facing a problem, I go as deep as it takes, through the source code of every piece of software involved, down to, say, Linux kernel, to hunt it down. However, I know what does "good enough" mean and I won't go deeper than necessary. My approach is systematic and heavily relies on facts. I'm working hard on producing maintainable code and solutions that require as small attention as possible.

I'm experienced, passionate and hard-working.

Technical Skills

Likes: linux, functional-programming, erlang, gnome, reactjs, declarative-programming, open-source

---

Experience

Software developer – RedGage LLC   *November 2014 – February 2016*
erlang, riak, javascript, ecmascript-harmony, reactjs, reactjs-flux, cordova

Contributed to mobile frontend for an invite-only social network site.

Developer – Appoxy   *October 2013 – December 2014*
ruby, sinatra, datamapper, mysql, postgresql, sqlite, redis, rmagick, imagemagick, pdf-generation, prawn, xml, phantomjs, highcharts, svg

Took part in development of a stock market data visualizer tuned to assist answering "Which stock should I purchase next" question, in particular:

- Was involved in revamping PDF reports part.
- Built a custom "world map" chart generator based on Google Charts' one rendered by with phantomjs.
- Chose (based on extensive research) and set up continuous integration for the project.

Developer – netland.by   *December 2013 – Current*
erlang, netflow, infobright, otp, elixir, make, relx

Developed a Netflow v9 processor which writes incoming events matching predefined criteria to infobright backup files.

Engineer – Resto   *December 2012 – April 2013*
ruby, ruby-on-rails-3, javascript, jquery, mongodb, thinking-sphinx, debian, mysql, mariadb

Details are available by request

Engineer – Iron.io   *December 2011 – June 2012*
ruby, ruby-on-rails, mongodb, mongoid, javascript, rspec, python, c#, sinatra

Primary responsibility was assisting web UI backend development, but not limited with.

- performed MongoDB query audit, refactoring and/or optimizing them as needed to prevent Big Database Lock
- covered mission-critical code with regression tests (specs, to be precise)
- ported IronWorker Ruby examples to Python
- revamped status site from ground up

Developer – goals.by   *July 2011 – November 2011*
ruby, rails, sphinx, memcached, redis, mysql, haml, unicorn, debian

Basically, everything website-related: mainly business logic implementation (both server- and client-side) and server administration.

Achievements:

- reduced response time from 0.6-1.5 sec to ~0.2 sec (according to Newrelic reports).
- optimized client-side loading speed (following and implementing PageSpeed recommendations, actually) from "totally unbearable" to "well, acceptable"

Developer – retargeter.com   *October 2010 – January 2011*
php, symfony, doctrine, mysql, javascript, jquery, capistrano

Implemented most of server-side business logic, big part of client-side.

Lead developer – netservice.ru   *June 2009 – November 2010*
php, mysql, javascript, symfony, doctrine, lucene

Solved various tasks which mostly require deep knowledge of used tools. These include:

- Integrated Lucene search (sfLucene plugin was used) and performed various tweaking of its solved his cyrillic-related issues.
- Wrote 2 non-straighforward but still customizable Doctrine behaviors having code reuse and readability in mind.
- Performing code reviews.
- Implemented various features (like internal messaging, commenting) in reusable way.

Tech lead – finalview.com   *February 2009 – September 2009*
php, mysql, symfony, doctrine, jquery, memcached, nginx, debian, redhat

- Started a project (**NSFW**);
- Chose a framework (symfony);
- Collected project requirements;
- Implemented data model;
- Set up pretty seamless deployment;
- Tried to make development a bit more agile;
- Trained newcomer programmers to learn our tools and best practices.

Web developer   *November 2009 – January 2010*
php, mysql, kohana, memcached, nginx, javascript, jquery

Took active part in Facebook-connected app development:

- fixing server- and client-side bugs;
- performed code reviews;
- made usability reviews and implemented them;
- reviewed possibility of using of various NoSQL storages in project.

Projects & Interests

Bitbucket - trackee – https://bitbucket.org/develop7/trackee   *July 2013 - May 2016*
haskell, gnome, gobject

Thing that makes periodic screenshots to help me track my activities.

Lead developer

Tools

First Computer: Z80 clone
Favorite Editor: IDEA-based IDE, Emacs