Ivan Sergienko

Brief Summary

I am a php & js developer, and I like coding in Vim; writing clean, easy to read and understand code; using top-down design approach; solving interesting problems; making code run fast, refactoring.

I have 1 year experience in a digital advertising agency as a php & js developer, working on a social network, interactive vaccines calendar, facebook app, etc.
And also about 2 years experience of making sites on my own from time to time (not 40 hours/week :).

Projects brief Summary

- http://swanepoel.zz.mu - AngularJS app for calculating optical constants of thin films (developed by myself, as intern in institute of semiconductors)
- http://darthvanger.0fees.net/fifteen-puzzle/web - Fifteen puzzle game (developed by myself)
- http://spyoptics.kiev.ua - Tiny eShop on CodeIgniter (developed by myself)
- http://moi-privivki.com/calendar/step2#birth=2012-01-01 - Backbone interactive calendar for vaccinations (developed in team)
- http://svitmam.ua - Social network for moms (made contributions)

See "Experience" section below for details.

Code examples

- https://github.com/DarthVanger/FifteenPuzzle/wiki
- https://github.com/DarthVanger/spyoptics.kiev.ua

Experience

`September 2014 till present:  php & js developer at isd-group.com -`
`digital advertising production company`

Projects:
1. Social network for moms http://svitmam.ua.
   Technologies used: require.js, gulp, redis, nodeJS, mysql, php.
   Worked on:
   (a) Embedding require.js and refactoring all js to make it work with require.js.

    (b) Embedding gulp for css & js minification, concatenation, image lossless compression.

    (c) Developing online users tracking with php + redis.

    (d) Developing algorithm to track posts viewed within a session, in order to build posts relation graph, using php, mysql, redis.

    (e) Fixing bugs in nodeJS based messenger.

    (f) Refactoring php code and fixing bugs.

2. Interactive vaccination calendar http://moi-privivki.com/calendar/step2#birth=2012-01-01.

Technologies used: Laravel, backbone.js, require.js, twitter bootstrap, less.

Worked on:

    (a) Displaying and reading data from interactive calendar (using backbone.js), which has months and years columns floating around on user click.

    (b) Writing responsive html and styles based on bootstrap.

3. Facebook web application generating a card and posting it to the timeline.

Worked on:

    (a) Generating images collage based on user choices, using php gd library.

    (b) Using facebook API to get friends, tag friends, and post to timeline.

4. Fifteen puzzle javascript game http://darthvanger.0fees.net/fifteen-puzzle/web (was a test task to get the job:).

Technologies used: Symphony2, jasmine + karma for testing.

The class diagram and code can be found at

https://github.com/DarthVanger/FifteenPuzzle/wiki

2012-2014: writing websites on my own

I wrote around 8 websites from scratch, mostly using CodeIgniter php framework.

Projects:

1. Interactive AngularJS app for calculating optical constants of thin films http://swanepoel.zz.mu.

Technologies used: Symphony2, AngularJS, flot.js (plotting tool), handsontable.js (editable table), MathJax.js (js TeX interpreter).

Code: https://github.com/DarthVanger/SwanepoelMethod

Worked on:

    (a) Given a data set, finding extrema, building interpolation curves.

    (b) Developing UI to edit points on plot, edit data in tables.

    (c) Building linear regression, finding standard deviation, averages.

2. Tiny eShop http://spyoptics.kiev.ua

Technologies used: CodeIgniter.

Code: https://github.com/DarthVanger/spyoptics.kiev.ua

Skills

Symphony2, Laravel, Kohana, CodeIgniter.
Redis, Mysql.
Git, linux, vim.
Require.js, Backbone, AngularJS, underscore, jquery, nodeJS.
PhpUnit, Jasmine, Karma, Selenium (via webdriverIO).
Npm, composer, bower.
(Only used all of these, not expert at all! :)

Education

3 years in Kiev Polytechnic Institute, Applied physics.
Stanford programming methodology course (15 hours of lectures on youtube).
Epam Java web development course (100 hours in classroom).
Stackoverflow and various internet resources :)

Languages

English - Upper Intermediate (around 7/10, both spoken and written).

Contact

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Personal Info

Age: 24 years
Residence: Kiev