

Egor Philippov

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Work Experience

Software Engineer, Absolute Software Co.

Vancouver, BC — Jan. 2014 - Present

Development of various enterprise web application for remote management of devices with an Ember.js SPA frontend and a Java EE RESTful API backend.

Languages/Tools: Java EE (Jersey + Spring), Ember.js, SQLite, MongoDB, Shell scripting, Node scripting, TeamCity, Git, TFS, (a little) C++

Accomplishments

- Implemented push notifications for automatic data table updates using WebSockets via Java's Atmosphere framework + Atmosphere-javascript client
- Worked on build automation and unit testing using TeamCity + Maven
- Wrote a small C++ library for loadable SQLite extensions
- Expanded on an existing architecture (adding additional specialized servers to the cluster, changing routing for certain API requests, etc...)

Intermediate Software Engineer, OpenBet Technologies Ltd.

Burnaby, BC — Aug. 2012 - Jan. 2014

Development for playnow.com, technical analysis of customer requirements.

Languages/Tools: TCL, JavaScript (Backbone.js, RequireJS), Informix, Bash scripting, Linux command line

Accomplishments

- Development to allow for operators to manually register players through the back office system
- Worked on the technological analysis for upcoming projects
- Ported the existing backend generated HTML templates to be compiled and rendered using Handlebars
- Developed an architecture for 3rd party vendors to be allowed restricted access to the back office system

Intern Developer, SAP

Vancouver, BC — Aug. 2009 - Aug. 2010

Bug fixing, troubleshooting, enhancements, new development of the installation software for various company products

Languages/Tools: Java, Perforce, Visual Studio 2005, Eclipse

Accomplishments

- Developed and maintained a system for uploading the installed product information to a web server
- Collaboratively worked on an installer for an upcoming new product (SAP Business Objects Explorer) with a team from France
- Troubleshot problems pertaining to general installation features
- Improved and maintained existing product installer functionality

Other Experience & Projects

- A web application for controlling Philips Hue lights and synchronizing the beat of the user's music with them: <http://www.huegasm.com/>
- A few simple html/js based apps: <https://hoboman313.github.io/snakey/> , <https://tictacweep.herokuapp.com/> , <http://chat-random.herokuapp.com/>
- Co-taught introductory web development to high school students through BrainStation Vancouver
- Used to develop plugins for a popular game called Counter Strike 1.6. My old, publicly available plugins are still up at: <http://www.amxmodx.org/compiler.php?mod=1&cat=0&plugin=&author=hoboman&go=search>
- I'm probably playing around with something on Github. Find me at <https://github.com/hoboman313>

Education

Simon Fraser University

Bachelor of Science in Computing Science — 2009-2012

Concentration in Information Systems

Langara College

Associate of Science Degree — 2006-2009