

# Egor Philippov

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## About Me

I am a dedicated and passionate full stack software engineer specializing in building modern SaaS web applications. My current go-to tech stack is **Ember.js** + **Bootstrap** + **Sass** for the frontend, **Node.js** ( Express.js ) for the middle tier, **NoSQL** ( DynamoDB or MongoDB ) for the backend and deployed via **AWS** ( cloudfront, elastic beanstalk, elasticache - redis, etc.. ). I am actively operating and developing numerous web applications including: <https://www.tomati.io/> and <http://www.huegasm.com/>

## Work Experience

### Senior Software Engineer, Absolute Software Co.

Vancouver, BC — Jan. 2014 - Present

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

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

#### *Accomplishments*

- Full stack development utilizing an Ember.js SPA + Java API for numerous b2b products
- Implementation of push notifications for automatic data updates using WebSocket push notifications via the Atmosphere framework
- Creation and deployment of builds through TeamCity
- Management and configuration of a linux-based dev environment
- Analysis and optimization of a production environment for a SaaS product ( <https://cc.absolute.com> )

### 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 3<sup>rd</sup> 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 searching the restaurant health inspection reports: <https://www.tomati.io> ( currently in active development )
- 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