



# Vasili Sviridov

SENIOR SOFTWARE ENGINEER

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*"I don't always accidentally, but when I do - I accidentally the whole thing."*

## Summary

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I'm a versatile software developer with almost 15 years of professional experience. I have a great passion for open source and web. I have designed and implemented systems of all sizes, worked on short and long project, worked in tiny and big organizations.

I'm interested in education, mentoring, process improvement, and building tools to increase productivity of my team. I have ran my own servers for close to 17 years, using Linux and Windows. I'm interested in functional programming languages and paradigms. F#, Erlang, Haskell, etc...

My primary languages of choice are TypeScript and C#.

## Education

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### BCIT (British Columbia Institute of Technology)

Burnaby, BC

DIPLOMA OF TECHNOLOGY

2004 - 2005

- Computer Systems Technology program with Data Communications option

## Experience

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### 🌿 Copperleaf Technologies

Vancouver, BC

SENIOR SOFTWARE DEVELOPER

October 2018 - Current

Building and maintaining a microservices-based, full stack web application (part of C55 suite of products) for performing Cost Estimation. This included an Angular-based frontend, and a backend performing batched streaming of portfolio data running through a decision-tree based spending modelling engine.

- Mentored Junior developers and co-op students
- Performed code reviews and instilled best practices
- Worked in a scrum-based team

**Frontend** Angular 8, RxJS, NGRX, Typescript

**Backend** PostgreSQL, Node.js, Node Streams, Docker

### 🌿 Charit.ee Inc.

Vancouver, BC

CTO

Jul. 2015 - Apr. 2017

- Was in charge of picking the technology stack, infrastructure, and architecture
- Managed the project using various tools
- Project was mostly based on open-source technologies

**Frontend** React, Redux, HTML5, Webpack, Babel, ES7

**Backend** PostgreSQL, Node.js, GraphQL, nginx, wal-e

**CI, etc...** GitLab, Trello, Slack, AWS

### FullRoster

Vancouver, BC

CTO

Jan 2015 - Jan 2016

Building a sports tournament organization software. The solution was used by several high-profiles companies in Greater Vancouver area, but ultimately failed to get commercialized.

**Frontend** jQuery, HTML5, Responsive

**Backend** Ruby on Rails, PostgreSQL

**Stack** Github, Amazon Web Services

## **Move Inc.**

WEB DEVELOPER

*Richmond, BC*

*Apr 2013 - Feb 2015*

Building a "Local" experience for realtor.com website. Developed a web UI to display various information about a geographical locale. Enhanced existing and wrote new custom software to automate deployment from **git checkout -b** to a live product running in test environment. Wrote a custom IRC bot to notify team members of various deployment states, pending merges, and to help orchestrate deployments across server farms and notify key stakeholders of pending downtimes.

**Frontend** Angular.js

**Backend** Node.js, MongoDB

**Tooling** Node.js, C#, GitLab, Gitbot

## **RBC GAM (Phillips, Hager, & North)**

*Vancouver, BC*

IT CONSULTANT

*2006 - 2007, 2011 - 2012*

Worked as a consultant for an investment management firm, helping them to build a custom solution to provide clients with pricing and trading controls utilizing the DotNetNuke CMS. Designed, built, and supported a set of frameworks, utilizing ASP.Net MVC and HTML5. Built several products with the frameworks mentioned, including a user management system, a framework for ACL, and several business applications. Heavily utilized Twitter Bootstrap, jQuery, jQueryUI frameworks along with custom JavaScript code to handle complex data entry scenarios, including Ajax validation and processing. Built a scheduler application with web interface, that allowed users to set up various data downloads from external vendors. It featured a simple to use UI and a system of notifications via email. Another application was a fund performance simulator, for which I have developed a UI, that allowed people to set up various parameters of the simulation. It featured a complex matrix of interdependent controls where changing a parameter would affect options for other controls.

For additional experience please refer to my LinkedIn profile.

## **Mentoring**

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### **Lighthouse Labs**

*Vancouver, BC*

SENIOR MENTOR

*Jan 2014 - Jun 2018*

Taking new students from virtually zero experience with web development to a strong junior with ability to quickly learn new things, understand principles of computer science and software development, quick intro to project management, source control and continuous integration.

### **BCIT Student Association Career Mentorship Program**

*Burnaby, BC*

VOLUNTEER MENTOR

*Sep 2017 - Current*

Career mentorship for BCIT students. Providing guidance and helping with the transition from being a student into a professional environment. Helping with resumes, mock interviews, goal setting, etc...

### **NWHacks - 2 day Technology Hackathon for students**

*Vancouver, BC*

VOLUNTEER MENTOR

*Feb 2016 - Current*

Provide hands-on help to the hackathon attendees, usually focusing on web technologies. 2017 hackathon, however, had me remembering basics of electronics and microcontrollers, pull-down resistors, and setting up Raspberry Pi's.

### **CodeMentor.io**

*Online*

MENTOR

*Nov 2016 - Current*

Online on-demand mentoring for all kinds of projects.

### **HTML500**

*Vancouver, BC*

VOLUNTEER MENTOR

*2015 - Current*

Provided mentorship at an event aspiring to teach basics of HTML/CSS to 500 people.

## **Miscellania**

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I enjoy learning natural languages, snowboarding, slack-lining, trampoline gymnastics and motorcycle riding. I've been doing martial arts for close to 14 years, but still consider the long path ahead of me. I speak Russian and English fluently, and currently getting better with Japanese and Esperanto. I'm curious about Ithkuil, but who can learn that, seriously? I like shooting my rifles and pistols but not really any good at it so far. I used to play airsoft back in the day.