



Bartek Kus

Software Engineer

Specializing in:
JavaScript & Functional Programming

Profile

'Code is Poetry;\${['Passion', 'Craft', 'Art'].map(love => ' my ' + love)}';

Employment history

Software Engineer - FT - Beanworks Solutions Inc., Vancouver
July 2017 – Current

- Contributed to Expenses module; an extension to the existing Beanworks platform.
- Co-authored ReactNative-Redux-Expo app used for capturing invoices by end-users.
- Provide ongoing programming assistance to the Customer Support Team.
- Act as subject matter specialist in all aspects of JavaScript

Web Developer - FT - Aequilibrium, Vancouver
May 2017 – July 2017

- Subcontract with Beanworks Solutions Inc. on platform expansion

JavaScript & C# Lead Developer - Contractor - Support Services Unlimited, Vancouver
February 2017 – May 2017

- Modernize legacy ASP.NET Webform type application towards MVC pattern and functionality.
- Implement and transition from Knockout to a modern and preferred React-Redux-Webpack pattern.
- Provide ongoing support and upkeep of the internal systems and networks.

JavaScript Developer - Contractor - Semios Technologies, Vancouver
October 2016 – January 2017

- Implement new redesigned overview dashboard in customer facing flagship Ember web application.
- Improved development and testing process through implementation of API-call proxy caching.
- Created new and fix broken unit, integration and acceptance tests for a full coverage using QUnit.
- Implement map UI overlay feature which enable highlighting of details based on user selection.
- Help improve programmer onboarding process for a more effective integration of future developers.

JavaScript Developer - Contractor - Strutta, Vancouver
August 2016 – October 2016

- Create the base of an end-to-end test suite for ember and rails stack utilizing es6 generators.
- Implement acceptance test for each of the 10 different sections of the application.
- Enable manual/dynamic/random setting selection in final end-to-end test for plug-and-test functionality.
- Integrated state-sensitive section-focused acceptance tests into comprehensive end-to-end user flow test.
- Perform timely resolution of bug fixes in all programming aspects pertaining to front-end.

JavaScript Developer - Contractor - Assembly Co., Vancouver
March 2016 – August 2016

- Assisted in developed of hybrid Cordova/Ionic mobile application with MEAN backend.
- Implemented customer rewards program feature on front and backend.
- Improved existing Gulp based workflow providing sourcemaps and assets minification.
- Integrated Webpack into an existing universal (isomorphic) React.js application.
- Created custom website uptime monitoring node-based bot program.
- Created mongo-sync bash script for remote database archive/restore.

Control Systems Dev - Full-Time - Modern Systems Management Ltd, Surrey
April 2012 – May 2015

- Implement user-facing information floorplan overview dashboard utilizing Photoshop/AI and JavaScript.
- Responsible for performing system setup, administration and testing during deployment process.
- Implement improvements into existing workflow utilizing system scripting and automation.

Education

Free Code Camp, Vancouver
January 2015 – January 2016

Degree: Full Stack Web Development Certification, Computer Software Engineering

Lighthouse Labs, Vancouver
June 2015 – August 2015

Degree: Web Development

Contact Details

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Programming Expertise

JavaScript / Node.JS

HTML / JSX / XML

CSS / SCSS / PostCSS

SQL (Postgres)

ReasonML / GraphQL

PHP / Python / Ruby

Libraries Proficiency

React / React Native

Redux / Redux-Sagas

D3

Tooling Competence

npm / npm-scripting

webpack

Chrome DevTools

WebStorm

Languages

English

Polish

Hobbies

Learning
Hiking
Biking
Cars

British Columbia Institute of Technology, Burnaby

September 2001 – June 2003

Degree: Computer Systems Technology

Cisco Networking Academy, Langley

September 2000 – June 2001

Degree: Computer Systems Network Administration

■ Courses

Getting Started with Redux, Dan Abramov, EggHead

Building React Applications with Idiomatic Redux, Dan Abramov, EggHead

Algorithms + Data Structures, Stephen Grider, Udemy

ES6 Javascript: The Complete Developer's Guide, Stephen Grider, Udemy

Advanced React and Redux: 2018 Edition, Stephen Grider, Udemy

Modern React with Redux, Stephen Grider, Udemy

Server Side Rendering with React and Redux, Stephen Grider, Udemy

React Native: Advanced Concepts, Stephen Grider, Udemy

The Complete React Native and Redux Course, Stephen Grider, Udemy

Build Apps with React Native, Stephen Grider, Udemy

Node with React: Fullstack Web Development, Stephen Grider, Udemy

Ethereum and Solidity: The Complete Developer's Guide, Stephen Grider, Udemy

GraphQL with React: The Complete Developers Guide, Stephen Grider, Udemy

Go: The Complete Developer's Guide (Golang), Stephen Grider, Udemy

Webpack 2: The Complete Developer's Guide, Stephen Grider, Udemy

Optimistic UI Updates in React, Erik Aybar, EggHead

Async React with Redux Saga, Tyler Clark, EggHead

Test React Components with Enzyme and Jest, Tyler Clark, EggHead

State Monad in JavaScript, Ian Hofmann-Hicks, EggHead

Get Started with Reason, Nik Graf, EggHead

JavaScript: Understanding the Weird Parts, Anthony Alicea, Udemy

Advanced JavaScript: A Course for Serious Programmers, Kyle Simpson/Frontend Masters, Udemy

Mastering D3 JS, Packt Publishing, Udemy

Building Responsive Data Visualizations with D3 JS, Packt Publishing, Udemy

Data Visualization with D3.js: Bring Data to Life, Ian Johnson/Frontend Masters, Udemy

Rapid D3 JS, Packt Publishing, Udemy

The Ultimate Python Programming Tutorial, Infinite Skills, Udemy

Python, The Next Level (Intermediate), Jay Elbourne, Udemy