

BorisBershadsky

Full Stack Web Application Developer

Summary

- Passionate and driven Web Application Developer with years of ReactJS, PHP, JQuery
- Efficient learner striving to build revolutionary mobile ready RESTful Single Page Apps
- Working with Full Stack NodeJS, ReactJS, AngularJS, Youtube + Google Maps API
- Effective understanding of Software Development coding standards and security practices
- Strong experience with Linux + software administration: Travis CI, Git + SourceTree, AWS, Jenkins, WebStorm, Visual Studio, Vagrant, Azure, Yeoman, Composer, Bash
- Developed troubleshooting and analytical skills from many years of experience dealing with computer hardware & software issues, easily explain concepts to non-tech individuals
- Exceptional communication, problem-solving, teamwork, and collaboration skills
- Resourceful and takes initiative with complex projects under minimal supervision

Experience

- 11/16-Now **Full Stack Embedded Systems Developer** I&F Engineering (Startup)
- Designed and developed a comprehensive system to analyze, graph, backup, and record real-time sensor data for a 16bit ADC MCU based on Teensy 3.2 and Raspberry Pi using C++, Python, Plot.ly, and MongoDB
 - Built and tested a portable "Intelligent Hot Plate" with mobile remote control of temperatures between -4C to +60C with 0.25 degree precision using RTD, 2P2T relays, peltier module, voltage boost converter, and ESP32 NodeMCU
 - Created a tiny live view client with Plot.ly, React, Meteor, and MongoDB
- 03/16-11/16 **Full Stack PHP Web Developer** Daisy Intelligence (<http://daisyintelligence.com>)
- Team lead for developing and provided production support for secure client facing web portals (Insurance + Retail) with DB2 Backend for several big clients (Walmart, Giant Tiger, Earth Fare, Staples, Empire Life, Northwest Co.) to fully automate client data delivery process
 - Created an Internal Admin Portal to fully automate project management deadlines and easy CRUD functionality of all web portal users: logging, input filtering, and managed 100+ user accounts to offer management a dashboard "pulse" of scheduled client deliverables
 - Implemented LAMP stack with Gitlab on CentOS 7 and provided all employees with a training session outlining Git philosophy+best coding practices

Interests and Hobbies

- 2015-2016 **Raspberry Pi & C++ and Python Programming** Personal Projects
- Building scalable Meteor React Apps: WholesomeCounter, Sh0rt-lnk
 - Assembled and programmed a portable air quality IoT base station measuring levels of O2, CO2, CO, VOC, CH4, pressure, altitude, and sent data over the network to server that reports deviations to email and MySQL database
 - Brainstormed, designed, assembled, and programmed a palm sized handheld 3" touch LCD microcomputer based on a Raspberry Pi 3 with a custom Linux OS, wireless control interface, TSX/NYSE ticker, and 8 hour battery

Education

- 2014-2016 **Diploma Graduate of Computer Programming** Seneca College
- Nvidia CUDA / OpenCL & Object Oriented Programming, Operating Systems, Database & Web Technology, Security, Communications Networks

Contact

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Web Dev

React+Redux, AJAX
Meteor, PHP, HTML5
Javascript + JQuery
CSS3, NodeJS
AngularJS 1.6/2/4

Databases

MongoDB, MySQL
SQLite, (ANSI) DB2
PostgreSQL, MS SQL
DB Admin, DDL

Technologies

Npm, Heroku, Grunt
Yeoman, Composer
Bootstrap 3+4, JSON
Localization, OAuth
Docs, LaTeX, Bash

Applications

Python, Java (Eclipse)
C++11 (Threading
CUDA, OpenCL)
C# (.NET), Ruby

Testing

TDD, Selenium
Mocha, Karma
Enzyme, Jenkins
Travis CI

Languages

Professionally Fluent
English + Russian