

Brian C Brandes

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Qualifications Summary

Seeks software engineering position. Proficient in front end development including: UX/UI design and creation, working with web frameworks, API consumption, build pipeline creation, and automated e2e testing. Auxiliary skills include server side coding, DNS management, debugging, code review, performance monitoring, and code profiling. Comfortable working with containers and in a unix environment.

Technical Skills

JavaScript / ES6	NodeJS / npm	Perl	PHP
Angular	Express	Docker	SVN / Git
React	Vue JS	Heroku	MongoDB
SASS / SCSS	Webdriver / Selenium	New Relic	SQL / MySQL
HTML5 / CSS3	Webpack / Babel	REST / JSON	Cloudflare/DynDNS

Experience

Marble Robots – Senior Software Engineer 12/2018 to present

- Responsible for MDash, the React Web Application used for Fleet Management, Analytics, Teleoperation, and Diagnostics
- Used d3 to dynamically generate real time Diagnostic Dependency Graphs
- Overhauled the Mongo Database for Performance and Scalability
- Replaced HTTP/REST API with SocketIO for Server to Robot Communication
- Greatly Improved Robot Routing UX

Nitro – Front End Engineer 10/2015 to 11/2018

- Developed greenfield Account Management Portal using Vue.js and Webpack
- Authored automated test engineering with wdio / mochajs / saucelabs
- Implemented New Relic monitoring and Synthetic Browser tests
- Automated build pipelines (Jenkins) to lint, babel compilation, testing, and deployment

SiteSpect – Senior Software Engineer 05/2011 to 08/2015

- Rebuilt and designed admin interface using AngularJS, SASS and HTML5
- Integrated & automated DynDNS synchronization
- Devised REST API to expose web admin functionality via JSON
- Migrated existing mod-Perl app to Dancer framework

Nuance (formerly eScription) – Software Engineer 02/2008 to 05/2011

- Extracted medical billing data from free-form text using ActiveMQ, Spring and GWT
- Heavily optimized and modified 3rd party JavaScript-based spell check application

LiveTechnology – Web Developer 06/2007 to 02/2008

- Developed a single page JavaScript web application for advertisement creation

Rice Computer Solutions – Web Developer 05/2006 to 06/2007

- Helped develop creativity-online.com, serving high-demand video
- Built order, reporting, employee, and management systems using PHP and MySQL

Education

State University of New York, College of Technology, Alfred, NY 2004 to 2007
B. Tech. with honors – Web Development, GPA 3.71