

# Derek J. Johnston

## Software Developer

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### Professional Objective

Seeking a position where I can maximize my full stack capabilities and learn from an amazing team.

### Development Experience

#### Software Craftsman / QA, Phoenix Quality

April 2018 – Sept 2019

#### Projects

#### Description

#### Technologies Used

##### E-Data Now!

Worked as a Software Craftsman for **E-Data Now(EDN)**! EDN is a near real time data collection system. The primary use case is inspection and auditing in the automotive industry. Typical a user will perform audits using EDN Client (iOS/Swift/C++) and enter their Time sheet's using EDN Time (Flutter/Dart). The data is pushed up to a Rails API, where it's presented to the Web Administrators using a cutting edge Nuxt/Vue.js frontend stack.

Postman, Mac OS, Sentry, Ruby on Rails, Scout, Jira, MS Word, MS Excel, Bootstrap, Yarn, Git, CSS, SCSS, HTML

I had the opportunity to write code for the frontend, and backend while assisting with mobile bug fixes. Beyond my developer duties, I maintained test plans and test cases for the entire continuum of EDN products. While performing testing duties, I was also mandated to write automated and load tests.

##### Internship

During a one-month internship I completed Ruby on Rails, Vue.js, and clean code tutorials.

Ruby on Rails, Vue.js, Nuxt.js, Bootstrap

Skillfully demonstrated knowledge by improving dashboard functionality by adding rearrangeable / drag and drop capabilities.

##### S3 Bucket Processing Script

Improved PowerShell CSV script to include identifiable errors and added Pester unit tests to ensure functionality.

SQL Server, PowerShell, Pester, Windows

Conducted teleconference meeting with overseas customer to inform them of the improvement, and to ensure customer satisfaction.

Web	<p>In order to meet Canadian accessibility standards, I enhanced accessibility, and developed Cypress tests to verify the requirements were being met.</p> <p>Created Gatling scripts to generate heavy real-world load in order to observe bottlenecks in performance.</p> <p>Lead a blitz to improve application performance averages. Regularly identified slowest API calls using Scout APM. Optimized slowest API calls by adding indexes, reducing n+1 call's, and migrating to faster serializers.</p>	Cypress, PostgreSQL, Gatling, Nuxt.js, Vue.js, JavaScript, Scout
iOS	Was instrumental in identifying redundant and duplicate function calls causing unintended behavior.	Swift, Ruby on Rails
Cross Platform	Helped identify bugs in the code base after gaining experience on a personal Flutter application.	Flutter / Dart
<b>Software Developer, Oiika</b>		<b>May 2017 – March 2019</b>
<u>Projects</u>	<u>Description</u>	<u>Technologies Used</u>
Web App	Worked as part of the development team developing Oiika for connecting tutors to tutees, utilizing google maps for visual displays of service areas and stripe to handle transactions.	Node.js, React.js, MongoDB, Stripe, Google Maps API
Mobile App	Worked pairing to develop a mirror mobile application.	React Native
<b><u>Education</u></b>		
<b>Computer Programmer Analyst Advanced Diploma, Durham College</b>		<b>April 2018</b>
<u>Final Project</u>	<u>Description</u>	<u>Technology Used</u>
Mobile App	Lead a partnership to develop a mobile communication application for verbally limited individuals.	Xamarin
<u>Some Additional technologies used:</u> PHP, ASP, JAVA, COBOL, SQL, MySQL, C#, C++, Visual Basic, Qbasic, VISIO, Ubuntu, MS PowerPoint, Dreamweaver, MS FrontPage, phpMyAdmin, MS Project, MS Access, Android studio, MS Excel, Visual Studio, MS Word		
<b><u>Other Experience</u></b>		
<b>Quality Inspector, Product Action -&gt; Robotic/Press Operator, SKD Automotive</b>		<b>1 -&gt; 3 Years</b>
Proven record of attention to detail and quality while performing inspections and monitoring for defects outside of the defined scope. Excellent communications skills during shift change and getting the next shift up to speed.		

**Crew Trainer, McDonalds****2 Years**

Exceptional leadership skills developed through work experience in training fellow employees. Committed to attention to detail and quality while performing performance testing. Excellent communication, team working, and adaptability skills, improved while working under pressure, leading the kitchen staff in a major power outage.

**Tech Admin Assistant, Stephens SS****2 Years**

Capable of individual task assessment and troubleshooting to fix network problems.

**References available upon request**