

# ERIC QUELCH

## SOFTWARE DEVELOPER

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### Contact

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London Ontario  
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### Websites

<http://quelchx.com>  
<http://github.com/quelchx>

### Education

Fanshawe College  
London Ontario Canada  
2019 — 2022  
Ontario Graduates Diploma  
Internet Applications and Web  
Development (3.3 GPA)

### OBJECTIVE

Self-motivated team player with four years of experience seeking a position as a web developer where I can apply my advanced knowledge of web design with my leadership abilities to meet client needs and exceed their expectations.

### DEVELOPER SKILLS

- Extensive experience with JavaScript and TypeScript.
- Capable of working with Python, Java, PHP and C#.
- Has extensive knowledge of React, NextJS, VueJS and NuxtJS for building component or template-based user interfaces.
- Experience designing mobile applications using React Native and Expo.
- Able to design performant user interfaces using memoizing techniques.
- Has experience designing custom hooks, higher-order functions and polymorphic components.
- Experienced with state management libraries such as Vuex, Redux or React Context.
- Experience with designing client-side, server-side or static generated web applications.
- Able to design RESTful APIs with Node.js and Django with some experience using Ruby On Rails.
- Familiar with Netlify, Vercel, Firebase and Heroku services to deploy various APIs or web applications.
- Possesses experience with Azure, AWS, and Linode to deploy various server-based applications.
- Experience with Figma and Adobe Photoshop to design mock interfaces to utilize with designs.
- Well acquainted with Git, GitHub, Docker, Bitbucket, Atlassian, and Jira for source management and project planning and control.
- Experienced with using Firestore or MongoDB for creating NoSQL modelled databases.
- Familiar with using Postgres or MySQL for applications with strong relational data structures.
- Capable of using various object-relational modelling libraries and frameworks.
- Is educated with WordPress and other content management systems.
- Capable of using AJAX or other methods to send and receive data from the client.
- Familiar with ThreeJS, React Framer Motion, React Spring and GSAP for creating additional animations for front-end applications.
- Capable of styling user interfaces with CSS or Sass or various styling libraries such as TailwindCSS, Bulma, Bootstrap, Material UI, and Chakra.

## RELATIVE EXPERIENCE

**JavaScript Tutor, Fanshawe College;** London, ON — 2020 - 2021

- Designed customized materials based on students' interests.
- Composed engaging lesson plans, allowing students to further their understanding of complex material, boosting motivation and session preparation for students.
- Collaborated with students to complete homework assignments, identify lagging skills and assisted with correcting weaknesses.
- Planned sessions and allowed time to strengthen weak subjects and build skills.

## ADDITIONAL WORK EXPERIENCE

Technician Supervisor, Kal Tire; London, Ontario — 2019 - 2021

Cashier, The Beer Store; Brantford, Ontario — 2018 - 2019

Technician, Cainsville Tire; Cainsville Ontario — 2014 - 2018

## PERSONAL PROJECTS

### **Mdote - Markdown Note Editor**

A Markdown-based note editor built into the web browser. Mdote allows users to write rich notes, create quick lists, and download them to their local machine quickly. This application is lightweight and minimal.

- <http://mdote.netlify.app>

### **Vue Writer - Typewriting Component Package**

Vue Writer is a typewriting component built for Vue version 3. Vue Writer is simple and easy to use and has many features while being light on the package size. AOS Vue has over 7000 downloads, is used on 30 different websites and is growing.

- <http://npmjs.com/package/vue-writer>

### **AOS Vue - Animate on Scroll Component Package**

Animate on Scroll for Vue is a component package that leverages the capabilities of the AOS library found at <https://michalsnik.github.io/aos/> but modified to work with Vue.js components. AOS Vue has over 3000 downloads, and it is currently used on over 25 websites today.

- <http://npmjs.com/package/aos-vue>

### **Perty - Visual Studio Code Editor Theme**

Perty is a Github-inspired theme for Visual Studio Code with some twists to Github's colour palate. This theme supports every programming language and syntax while being easy on your eyes.

- <https://marketplace.visualstudio.com/items?itemName=ericquelch.perty>