Jay **Ellul**

SOFTWARE ENGINEER

Toronto, Ontario

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Skills

Front end:	ReactJS, TypeScript, HTML5, Sass & CSS, Webpack, BabelJS, React Native, Swift, SEO, A11Y Compliance, UI & UX Design
Back end:	NodeJS, ExpressJS, NestJS, GraphQL, Serverless, Ruby, Databases (NoSQL, MySQL & Postgres)
Software:	Git, Xcode, Android Studio, Figma, VMWare, WordPress, Drupal, Linux (Ubuntu & RHEL), Microsoft Office Suite
CI/CD:	Docker, Jenkins, GitHub Actions
Communication:	Confident with public speaking, presenting technical information through written and verbal forms of communication

Experience

Software Engineer
Guelph, ON

TAG DIGITAL STUDIOS
Jan. 2020 - present

- Developed websites and mobile applications in a fast-paced agile environment using a variety of frameworks such as ReactJS, GatsbyJS, NodeJS, Ruby, and React Native
- Integrated with existing teams on large-scale projects to develop features across the full technical stack in complex codebases
- Communicated directly with agency partners & clients to gather project requirements or understand requested changes for a future release
- Created an E2E testing suite using Cypress to ensure each commit to the front end of a website complies with A11Y accessibility standards and does not break the preview functionality of a CMS

Full Stack Developer
Burlington, ON

SECURCOR FINANCIAL GROUP
May 2019 - Jan. 2020

- Designed and developed a new ReactJS marketing website and reduced future outsourcing costs by $1000/month
- Created a REST API and conforming web application using ReactJS, NodeJS, and ExpressJS that enables non-technical employees to manage SFTP users and shared folders between clients and Securcor servers
- Researched potential emerging frameworks to integrate into existing proprietary software and presented working demonstrations for each framework

Mobile Software Developer
Guelph, ON

VALUE CONNECT
Jan. 2019 - May 2019

- Developed a mobile application using React Native for Android and iOS that modernized the home appraisal process by the enabling the data required for a residential appraisal report to be collected quickly and efficiently on an appraiser's phone or tablet
- Designed and implemented a highly usable React Native front-end that offers a consistent user experience by automatically syncing collected residential data with an existing REST API in addition to saving work done locally on the device for offline capabilities

Founder & Lead Developer
Toronto, ON

MOTIVE
Mar. 2018 - Jan. 2020

- Founded a map-based mobile social networking application available on the iOS App Store that enables users to post events onto a global map in the form of *motives*, and to comment on or like other users' posts
- Designed and programmed a Swift front-end and Serverless back-end to create a seamless application that updates users in real-time
- Was available on the iOS App Store for a year, accumulating 5000+ App Store views, 100+ installations, and 25 peak daily active users

Education

Honours Bachelor of Computer Science (Co-op)
Guelph, ON

UNIVERSITY OF GUELPH
Sept. 2016 - May 2021

- 4.0 cumulative weighted GPA
- University entrance scholarship awarded for maintaining a 92% admission average

Honors & Awards

2016–2021	**Dean's List: College of Physical and Engineering Sciences** Awarded on six separate occasions for achieving greater than a 80% cumulative average during an academic semester	*Guelph, ON*
Feb. 2018	**Hack the Valley 2 Cryptography Challenge Winner** Achieved recognition at Hack the Valley 2 for being the first group to solve the Cryptography Challenge	*Toronto, ON*