

Brian Lee

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Skills

Languages JavaScript/TypeScript, Ruby, Python, SQL, C++, Java
Frameworks React, Redux, Vue, GraphQL, Node, Express, Rails, Flask, AWS EC2
Databases/ORMs MongoDB, PostgreSQL, MySQL, Redis, Prisma

Experience

Vidyard

Kitchener, ON

Software Developer

Sept. 2020 - Dec. 2020

- Developed a cross-folder search service in **Rails**, ensuring optimal performance and usability with use of **GraphQL** and **ElasticSearch**
- Improved Library page accessibility coverage by 25% using **Vue**, complying with WCAG 2.0 AA standards
- Maintained thorough documentation and unit tests using **Jest** and **RSpec**

Universe

Toronto, ON

Full Stack Developer

Jan. 2020 - Apr. 2020

- Developed embeddable calendar widget to display ticket availability for events using **React** and **Rails**
- Reduced page load times by 20% by implementing **Apollo Client** within multiple front end services to handle **GraphQL** requests
- Migrated the Event Display Page from ES6 to **Typescript** to enhance code quality and clarity

Emagin

Kitchener, ON

Full Stack Developer

Apr. 2019 - Aug. 2019

- Developed new features in metrics dashboard redesign using **React + Redux**, **GraphQL** and **Flask**
- Built a **Highcharts** graph visualization tool to display water pump activity and forecasts
- Maintained thorough documentation and unit tests using **Jest** and **JSDocs**

Empire Life

Toronto, ON

Software Developer

Sept. 2018 - Dec. 2018

- Collaborated with team of developers to design and develop a **React + Redux chatbot** module
- Integrated **Google Dialogflow** to facilitate client queries producing a 80% decrease in CSR workload

Projects

Zepplan

<https://zepplan.now.sh/>

December. 2020 - Present

- Building a project management tool that allows teams to communicate and develop new ideas from start to finish
- Web client built in **Typescript React**, paired with an **Express GraphQL API** hosted on **AWS EC2**

LooChat

<https://loochat.herokuapp.com>

Dec. 2018 - Jan. 2019

- Built a chat application that handles live messages and P2P video calls using **Socket.io** and **WebRTC**
- Built web and mobile clients in **React** and **React Native**, paired with an **Express REST API**

Education

University of Waterloo

Waterloo, ON

Candidate for BASc, Systems Design Engineering (class of 2022)

Sept. 2017 - Present