

## Andy Nguyen (Canadian Native)

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### SKILLS AND QUALIFICATIONS

**Programming:** JavaScript / TypeScript, JQuery, Java, Python, PHP, C#, C++ **Web:** HTML, SCSS, Webpack

**Data store:** relational: MySQL, SQLite, Microsoft SQL Server, non-relational: MongoDB, CouchDB / PouchDB.

**Frameworks / Libraries:** React / Redux, GraphQL, ExpressJS, NextJS, Django, Flask, Spring Boot, ASP dot NET

**Mobile Development:** React Native

**Development tools:** Git, Docker, Postman, Microsoft Azure.

**Technical Knowledge:** REST, Micro services, Unit Testing, Continuous Integration, Agile, Security, Documentation.

### EDUCATION

Bachelors in Computer Science Web Services and Applications (**Graduated**)  
Concordia University, Montréal Quebec

Winter 2019

### EXPERIENCE

**WinMagic - dot Net Core / React JS Developer**  
Mississauga, Ontario

Sept 2020 - Present

- Remote work developing and maintaining a management system: ASP .NET Framework, JQuery and SQL Server.
- Converted legacy code to a React Js web application utilizing GraphQL to consume customized queries and mutations. Use Apollo client to manage global states and define type based variables.
- Translate wireframe designs into fully responsive, accessible pages.
- Pioneered a SASS solution web app to provide online service to registered customers.

**Metso Canada - Full-Stack Web Application Developer Contract**  
Lachine, Quebec

Jul 2019 - Jan 2020

- Digitized mill inspection reporting process by developing a PWA from A to Z, modernizing report creations.
- Used *Django* Rest Framework and NoSQL Couch DB to produce and deliver secured RESTful responses.
- Created responsive UI components using modern libraries: React and Redux used on multiple platforms.
- Worked in an agile environment, participate in daily stand ups and organize weekly sprints on Azure task board.
- Deployed application with Docker using cloud services such as Microsoft Azure Web Services.
- Version control on *Microsoft Azure* Repos / *Git*, code review incoming commits to the branch with automatic deployment with Azure's pipeline.

### PROJECTS

**BillSnap - ReactJS, SCSS Java Spring, Swagger, Postgres, Travis CI, Gradle, SonarQube**  
Personal Group Project, Montreal, QC

Oct 2019 – Aug 2020

- An application to split bills amongst peers. This project is a personal project led by friends that have been in the industry for many years. Enforcement of best practices of the software development lifecycle.
- Practice of agile development practices, Full continuous Integration platform, Tests coverages / Quality Checks.
- **Covid tracker - ReactJS, Redux** (Personal Project) <https://andynghuyen.ca/#/Covid> Summer 2020

\*Fluent in English and French.