

Andy Nguyen (Canadian Citizen)

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SKILLS AND QUALIFICATIONS

Programming Languages: JavaScript (ES6), Java (JDK 14), Python, HTML, CSS, PHP, C++

Data store: relational: MySQL, SQLite, non-relational: MongoDB, CouchDB / PouchDB.

Frameworks / Libraries: React / Redux, ExpressJS, Django, Flask, Spring Boot

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

Skills: Restful Web Services, Unit Test, Continuous Integration, Agile Methodology.

EDUCATION

Bachelors Computer Science Web Services and Applications (**Graduated**)

Winter 2019

Concordia University

Montréal Quebec

EXPERIENCE

Metso Canada - **Full-Stack Web Application Developer Intern**

Jul 2019 - Jan 2020

- Digitized mill inspection reporting process by developing a PWA, enhancing reporting procedure.
- Used Django Rest Framework and CouchDB to deliver Restful responses.
- Created custom UI components with React and Redux.
- Worked in an agile environment, participated and organized weekly sprints / daily stand-up.
- Deployed application in a dockerized containers on Microsoft Azure.
- Version control on Microsoft Azure Repos / Git, code reviewed.

PROJECTS

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

2019 - Present

- An application to split bills amongst peers. This project is a personal project mentored by friends who have been in the software industry for many years.
- Practice of agile development practices, Full continuous Integration platform, Tests coverages / Quality Checks.
- Collaboration with leading UI/UX developer in the field to match design mock-up. Used Figma wireframe.
- Restful web application, consuming custom APIs to be served on client facing server.

Various applications using public API (andynghuyen.ca) – ReactJS, Redux, ExpressJS 2018 - Present
Personal Projects, Montreal, QC

- Fetch and consume data from public API. (Spotify, YouTube, Pokedex, Covid-19)
- Customized Covid-19 backend responses with Mongo Atlas and ExpressJS
- Wrote and customized responsive webpages.
- Use of RESTful web services and created multiple Micro-services.
- Unit tests with jest, enzyme testing custom components and functions.

*Fluent in English and French.