Andy Nguyen (Canadian Citizen)

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SKILLS AND QUALIFICATIONS

Programming Languages: JavaScript (ES6), Java (JDK 14), Python, PHP, C++ **Web technologies:** HTML, SCSS

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

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

Mobile Development: React Native, Flutter. (Still learning)

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

Technical Knowledge: REST, Microservices, Unit Testing, Continuous Integration, Agile, Security, Documentation.

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 from A to Z, modernizing reporting procedure.
- Used Django Rest Framework and NoSQL Couch DB to produce and deliver powerful RESTful responses.
- Created UI components using modern libraries: React and Redux that were fully responsive on multiple platforms.
- Worked in an agile environment, participate in daily meetings 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.

PROJECTS

BillSnap **- ReactJS, Java Spring, Swagger, Postgres, Travis CI, Gradle, SonarQube**   2019 - Present
Personal Group Project, Montreal, QC

- 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 to the software development lifecycle.
- 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. Using Figma wireframe.
- Restful web application, consuming custom APIs to be served on client facing server.

Covid 19 tracking web application (andynguyen.ca/#/Covid) – ReactJS, Redux, ExpressJS, Node JS
Personal Projects, Montreal, QC

- Fetched and customized API responses to deliver custom response using Mongo Atlas and ExpressJS.
- Integrated an interactive mapping system with topojsons, and used google charts to visualize covid cases.
- Web scrapping from official Quebec and Montreal covid 19 resource pages.
- Unit tests with jest and enzyme testing custom components, functions, and backend testing.

*Fluent in English and French.