

# MICHELLE THUYVAN PHAM

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## SKILLS

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**Technical Skills:** Kotlin, Java, React.js/Typescript.js, Node.js/Express.js, MongoDB, GraphQL, SQL

**Languages:** Fluent in English; Conversational Proficiency in Vietnamese

**Hobbies:** Boulderling, Board Games, Longboarding, Video Games, Drums

## EXPERIENCE

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### CONNECTED.IO/THOUGHTWORKS

Toronto, ON (Hybrid)

Software Engineer Co-op; Android/Mobile Specialisation

May – Aug 2022

- Implemented QR account activation and login in **Kotlin/Java** and **Cloudinary** for an at-home interactive exercise product created by a Fortune Future 50 company for a major Q3 release **exceeding** estimated sales **by 5%** on Amazon.
- Established filter features using **Kotlin/Java** for a major product application created by a Fortune Future 50 company that allowed users to filter by localization.
- Refactored legacy code in **Kotlin** of a flagship product to include concurrent patterns using coroutines instead of live data thus **reducing run time performance by 10%**.

### POINTCLICKCARE

Mississauga, ON (Remote)

Full-stack Engineer Co-op

Jan – May 2022

- Developed the rule feature in **Typescript.js** for templates on the flagship Content Authoring Management minimal viable product (MVP) restricting user selection of rules applied on the template and subsequent data elements selected.
- Contributed to discussions of the MVP's design/implementation with the client, engineers, and other designers in weekly meetings, introducing the idea of using Context as a way to organise data in **React.js**.

### CONNECTED.IO

Toronto, ON (Remote)

Software Engineer Co-op; Android/Mobile Specialisation

May – Aug 2021

- Engineered the **new Android UI in Kotlin** for a mobile product of a Fortune 500 social media company, ensuring a seamless release in retailers across the US.
- Refactored legacy code to achieve MVVM architecture including dependency injection and LiveData practices in **Kotlin**.
- Presented and executed on design documents for client's **Javascript** website aimed towards increasing accessibility according to **WCAG 3.0** and improving user experience for customers.

### SERVICEECHO

Toronto, ON (Remote)

Software Developer Co-op

May – Dec 2020

- Developed a REST API in **Java/Apex** to create and store Salesforce records both locally and in the client's third party database resulting in a contract renewal with a key client.
- Implemented an email parser in **Java/Apex** that created Salesforce records that indicated when a customer requested an appointment with the client, ensuring a contract renewal with an international key client.
- Maintained and wrote unit tests in **Apex**, improving the efficiency and deployment of each package released on Salesforce **by 2%**.

## PROJECTS

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### MOM'S FRIDGE

React.js, Express.js, MongoDB, GraphQL, Node.js, Semantic-UI

- Filtered my mother's recipes by available ingredients inputted by utilising fuzzy search

## EDUCATION

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**TORONTO METROPOLITAN UNIVERSITY (formally Ryerson University)**

Toronto, ON

Candidate for Bachelors of Science in Computer Science with Honours; Minor in Mathematics

2018 – 2023