

# Fransiskus Felix Mangundap

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## Skills

**Languages** JavaScript(ES6), TypeScript, Java, Python, CSS, C++  
**Frameworks** React, React Native, Redux, Node, GraphQL, SASS  
**Tools** Git, AWS, Firebase, Android Studio, MongoDB, Docker, Postman

## Education

### University of Waterloo

BACHELOR OF COMPUTER SCIENCE

Waterloo, ON, Canada

Sept. 2016 - Apr. 2021

## Work Experience

### ADP Canada

PLATFORM ENGINEER

Remote

07/2021 - Present

- Developed new features from **end to end** using React Native and Lifion's proprietary backend platform.
- Contributed to the development of Lifion's proprietary **metadata driven** platform
- Developed Lifion's mobile app using **React Native, Redux, and Typescript**

### Lifion by ADP

SOFTWARE ENGINEER INTERN

New York, NY, USA

01/2020 - 04/2020, 09/2020 - 12/2020

- Worked on new navigation and UI features for weekly standout check-in flow used by **more than 500** Lifion employees
- Wrote **unit tests** and **end-to-end tests** for the mobile app utilising **Jest** and **Detox**
- Developed Lifion's mobile app using **React Native, Redux, and Typescript** with **Node** for backend

### IBM Limited

APPLICATION DEVELOPER INTERN - MOBILE/BLOCKCHAIN/VR SOLUTIONS

Toronto, ON, Canada

05/2019 - 08/2019

- Worked on IBM's internal professional networking web tool used by **100k+ employees** using **React, Redux, Node, and MongoDB**
- Refactored** the React component **lifecycle and rendering logic** to **increase front end search performance by 30%**

### Ontario Institute for Cancer Research

SOFTWARE DEVELOPER INTERN

Toronto, ON, Canada

09/2018 - 12/2018

- Reduced multiple web apps' **baseline update time** by **60%** by automating the process in the Continuous Integration Pipeline
- Migrated few existing web apps' backend from **REST** to **GraphQL**, **increasing overall query performance**

### Finovertech

FRONTEND SOFTWARE DEVELOPER INTERN

Waterloo, ON, Canada

May 2018 - Aug. 2018

- Minimized API development time** by incorporating **GraphQL** as the app's main query language instead of REST APIs

## Projects

### UStudents



Garudahacks

REACT - REDUX - FIREBASE

2020

- Achieved **1st place in the Education track** in **Garudahacks**, Indonesia's first MLH approved Hackathon
- Created a platform that allows high-school students to connect with university students to consult about university-related topics
- Built a messaging feature using **Firebase Firestore** as the real-time database

### UW GPA



Personal

REACT - REDUX - NODE - AWS

2020

- Developed a **serverless app** for University of Waterloo students to view their GPA and other details by uploading their transcript
- Built a custom parser in **Node on AWS Lambda** for the transcript