Fransiskus Felix Mangundap

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Skills

Languages	JavaScript, Java, HTML, CSS, C++
Frameworks	React, React Native, Redux, Node, GraphQL, SASS
Tools	Git, Bash, AWS, Android Studio, MongoDB, Docker, Postman

Work Experience

Lifion by ADP
New York, NY, USA

SOFTWARE ENGINEER — *January 2020 - April 2020*

- Developed new features for weekly check-in flow that is used by more than 500 Lifion employees
- Create 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
Toronto, ON, Canada

APPLICATION DEVELOPER - MOBILE/BLOCKCHAIN/VR SOLUTIONS — *May 2019 - Aug. 2019*

- Worked with the team to develop one of Canada's biggest airline's Android app using Java and Android Studio
- Increased a web app's search and filter speed by up to 40% by refactoring the code
- Developed IBM's internal web apps using React and Redux with MongoDB and Node for backend, and deployed on IBM Cloud

Ontario Institute for Cancer Research
Toronto, ON, Canada

SOFTWARE DEVELOPER — *Sept. 2018 - Dec. 2018*

- Reduced multiple web apps' baseline update time by 60% by developing bash scripts for Continuous Integration
- Developed various web apps using React and Redux with Node and MongoDB for backend, and Docker for containerization

Finovertech
Waterloo, ON, Canada

FRONTEND SOFTWARE DEVELOPER — *May 2018 - Aug. 2018*

- Improved query performance by 30% by incorporating GraphQL as the main query language instead of REST
- Developed the HyperJar mobile and web-app utilizing React, React Native, Redux, and GraphQL

Ontario Institute for Cancer Research
Toronto, ON, Canada

WEB DEVELOPER — *May 2017 - Aug. 2017*

- Migrated over 15 different high-traffic websites from Drupal to Jekyll Static CMS.

Projects

UW GPA

REACT - AXIOS - AWS (S3, LAMBDA, API GATEWAY) — *2020*

- Developed a serverless app for University of Waterloo students to view their GPA and other details by uploading their transcript
- The transcript is processed using a custom parser in Node and the lambda function is called every time a new transcript is uploaded

Ragdoll Manipulator

ANDROID STUDIO - JAVA — *2019*

- Created a ragdoll manipulation Android app which allows user to interact with a 2D doll, coded in Java with MVC Pattern

datefromnow

REACT - GATSBY - NETLIFY - GOOGLE ANALYTICS — *2018*

- Developed a web app that allows user to calculate how far a date is from the current date and vice versa

Education

University of Waterloo
Waterloo, ON, Canada

CANDIDATE FOR BACHELOR IN COMPUTER SCIENCE — *Sept. 2016 - Present*

- **Relevant Courses**: Object-Oriented Software Development (C++), Algorithms, Data Structures and Data Management, User Interfaces (Android Development), Introduction to Database Management (SQL), Software Architecture (Ongoing)