Fransiskus Felix Mangundap

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Skills

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

Education

University of Waterloo
Waterloo, ON, Canada

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

- **Relevant Courses**: Object-Oriented Software Development, Algorithms, Data Structures and Data Management, User Interfaces (Android Development), Introduction to Database Management, Software Architecture, Human Computer Interaction, Networks

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

UStudents - Garudahacks 2020

REACT - FIREBASE *2020*

- Achieved 1st place in the Education category in Garudahacks, Asia Pacific's first MLH approved Hackathon
- Worked in a team of 4 to create a platform for high-school students to connect with university students to ask questions and express any concerns about their future major and universities in real time
- Utilized React for the Front End and Firebase for User Authentications and Realtime Database Management

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