Fransiskus Felix Mangundap

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Skills

Languages	JavaScript(ES6), TypeScript, Python, Java, CSS, C++
Frameworks	React, React Native, Redux, Node, GraphQL, SASS
Tools	Git, AWS (Lambda, S3, API Gateway), Splunk, Firebase, MongoDB, Docker, Postman

Education

University of Waterloo   *Waterloo, ON, Canada*
BACHELOR OF COMPUTER SCIENCE   *Sept. 2016 - Apr. 2021*

Work Experience

ADP Canada   *Remote*
PLATFORM ENGINEER   *07/2021 - Present*
- Developed and shipped **10+ new features** end-to-end using React Native and Lifion's proprietary backend platform
- Ported a legacy web app to ADP's ecosystem using **React**, **Typescript**, and **GraphQL**, improving scalability and user experience
- Implemented and maintained both **end-to-end** and **unit tests** using Jest and Selenium, increasing test coverage by 20%

Lifion by ADP   *New York, NY, USA*
SOFTWARE ENGINEER INTERN   *01/2020 - 04/2020, 09/2020 - 12/2020*
- Implemented a **new UI navigation system** for a weekly check-in flow, used by over **500+ Lifion employees**
- Developed Lifion's mobile app using **React Native**, **Redux**, and **Typescript** with **Node** for backend
- Contributed to the development of Lifion's proprietary **metadata-driven** platform

IBM Limited   *Toronto, ON, Canada*
APPLICATION DEVELOPER INTERN - MOBILE/BLOCKCHAIN/VR SOLUTIONS   *05/2019 - 08/2019*
- Developed features for IBM's internal professional networking platform, used by **100,000+ employees**
- **Refactored** a React component's lifecycle and rendering logic, boosting frontend search performance by **30%**

Ontario Institute for Cancer Research   *Toronto, ON, Canada*
SOFTWARE DEVELOPER INTERN   *09/2018 - 12/2018*
- **Automated** web app update processes in CI/CD pipelines, reducing baseline update time by **60%**
- Migrated backend services from **REST to GraphQL**, improving data retrieval efficiency and reducing payload size

Finovertech   *Waterloo, ON, Canada*
FRONTEND SOFTWARE DEVELOPER INTERN   *May 2018 - Aug. 2018*
- Led the integration of **GraphQL APIs**, reducing frontend API request latency by **40%**
- Developed reusable React Native components for HyperJar, improving development efficiency and maintainability

Projects

UStudents 🔗 🐙   *Garudahacks*
REACT - REDUX - FIREBASE   *2020*
- Built a **real-time university student mentorship platform** that won **1st place** in Indonesia's first MLH-approved hackathon
- Developed an instant messaging feature using **Firebase Firestore**, enabling seamless real-time communication

UW GPA 🐙   *Personal*
REACT - REDUX - NODE - AWS   *2020*
- Created a **serverless GPA calculator** for University of Waterloo students, using **AWS Lambda & S3**.
- Designed a **custom transcript parser** in Node.js, automating data extraction and improving user experience.