MOHAMMAD IQBAL ANDIKOPUTRO

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A front-end engineer and computer science master graduate with 4 years of Front-end engineer and 1 year of data analyst operational experience. I'm very familiar with my favorite programming language, Javascript, as well as the frameworks React Native for mobile development and React for web development. Currently I'm learning swiftUI (iOS developer) to widen my scope of front-end engineer. I studied at Universitas Indonesia, the Tokyo Institute of Technology as part of a student exchange program and Binus University. AI, deep learning, and data science pique my interest.

GitHub: https://github.com/jackbloo

- - https://tutor-app-smoky.vercel.app/ (Portfolio project)
- https://aigoo-kr.vercel.app Portfolio (Collaboration with Korean Colleague)
- https://phone-book-beige.vercel.app/ (Phonebook)

Work Experiences

Traveloka - Banten, Indonesia   Feb 2024 - Dec 2024
Frontend Developer

- Working with NextJS
- Working in Transport Demand Team
- Perform shift once in 3 weeks to ensure the website works well
- Ensure Unit Tests are always above 75%
- Work in Agile setting
- Self-testing after developing to ensure QA not getting unnecessary bug
- Perform monitoring for Traveloka website and immediately fix bugs
- Ensure clean code and high maintainability code (applying best practices)

Gramedia - Jakarta, Indonesia   Jan 2024 - Feb 2024
Frontend Developer

- Develop ePerpus using NextJS and Angular
- Learn and work with Angular just in 2 first days of work
- Working in Hybrid
- Working in Agile and Scrum

Beyondsoft International - Singapore   May 2022 - Dec 2023
ReactJS Developer

- Employed by BYS, seconded to DBS for a contract role
- Develop Micro-Frontend & web app using ReactJS & Typescript
- Perform UAT Testing and Unit testing
- Increase unit testing coverage from 82% to 87% in the first week of work
- Working using Agile Methodologies
- Working with teams in Singapore and India
- Remote working from Indonesia but report to office in Singapore
- Create a bridge between native app and ReactJS web app
- Building high performance web by code-splitting and chunk optimization with security and high quality codes
- Ensure code follows the best practices such as less cognitive complexity, no duplicate blocks, correct variable names, DRY codes, follows Martin Fowler refactor guidance and no code smells
- Ensure coverage unit tests of each projects are above 85%

DigitSense - Hongkong   Mar 2022 - Apr 2022
Front End Developer

- Making a new application with NextJS
- Working remotely from Indonesia
- Ensure testing and UAT testing
- Using the Scrum Method

Nimbly Technologies - Jakarta, Indonesia   Nov 2019 - Feb 2021
Front-End Engineer

- Create a mobile and web app with ReactJS and React-Native
- Adding features and testing them with Jest
- Every sprint, we debug some features that have bug with QC

PT. Elnusa Petrofin - Jakarta, Indonesia   Feb 2021 - Feb 2022

Staff Performance Area Analyst

- Maintaining projects of digitalization improvement
- Analyzing monthly report of Oil Distribution Vehicle
- Working closely with IT Team for Internal Dashboard
- Hybrid working (Remote & Office)

PT. Toray Indonesia Synthetics - Banten, Indonesia   Jul 2017 - Aug 2017

Production Engineer Intern

- Nylon Waste Treatment and Process Control Management
- Analyzing a problem in nylon production and developing a solution

Education Level

Binus University - Jakarta, Indonesia   Jun 2021 - Jan 2023

Masters Computer Science, 3.91/4.00

- Mainly Interested in IoT, Solution Architecture, IT Management Risk, and Big Data Analytics

Hacktiv8 - Jakarta, Indonesia   Jun 2019 - Nov 2019

Certificate in Information Systems, 82.00/100.00

- Creating Smart Home App with IoT

Tokyo Institute of Technology - Tokyo, Japan   Sep 2016 - Feb 2017

Bachelor of Environmental Engineering

- Student Exchange Program

Universitas Indonesia - Depok, Indonesia   Aug 2014 - Aug 2018

Bachelor of Chemical Engineering, 3.49/4.00

- Dean's List of Chemical Engineering Batch 2014

Organisational Experience

Selatan Football Club - Jakarta, Indonesia   Jul 2019 - Present

Founder

- Scheduling football matches every month
- New ideas for the club
- Creating new jersey for the club
- Managing social media of the club

Fakultas Teknik Universitas Indonesia - Depok, Indonesia   Jan 2017 - Jun 2017

Lecturer Assistant

- Lecturer Assistant for Modelling in Chemical Engineering

Ikatan Mahasiswa Program Internasional FTUI - Depok, Indonesia   Dec 2015 - Jan 2016

Vice Head of Education Department

- Preparing extra classes for students
- Preparing Diktat for students
- Responsible for students who are going to be dropped out

International Friendship Party - Tokyo, Japan   Oct 2016 - Jan 2017

Volunteer

- Creating quizzes for members
- Initiating communication between members (To talk in english for Japanese)

Skills, Achievements & Other Experience

- **Achievements** (2016): DEAN'S List of Chemical Engineering Batch 2014 of International Program from Faculty of Engineering Universitas Indonesia
- **Achievements** (2013): Participating at National Science Olympic in Physics Major (District Level) OSN
- **Modules Taken** ⊘ (2023): Building Application with Swift for Beginner - Dicoding
- **Modules Taken** ⊘ (2023): Starting Programming with Swift - Dicoding
- **Achievements** (2023): Summa Cum Laude for master degree