

Fikri Karim

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Experience

- **Software Engineer**

Makeswift, Atlanta, United States

Aug 2020 – Present, **2 years 2 months**

- Responsible for v2 redesign of the application. Implemented main sidebar navigation; imagine a Notion sidebar, but for website builder. Implemented interactive Files Manager (like Google Drive) with drag and drop and keyboard support. Implemented Database Manager, GUI for managing SQL database.
- Designed and implemented Global Element for users to reuse components across multiple pages.
- Worked on open-source SDK for other companies to integrate Makeswift with their existing website.
- Designed and wrote integration test for main GraphQL API with 81% coverage.

Tech used: React, Typescript, Node.js, GraphQL

- **Software Engineering Intern**

Blik GmbH, Munich, Germany

Jan 2019 – May 2019, **5 months**

- Profiled the main React app performance, tracked down the issue, and improved the rendering performance by 3.7x.
- Enabled end-to-end tests on CI, wrote down tests with >79% coverage for the whole application features.

Tech used: React, Redux, Javascript

- **Software Engineering Intern**

Nimble, Bangkok

Jun 2018 – Dec 2018, **7 months**

- Implemented real time chatting, trust and block system, and real-time updates on a cryptocurrency exchange project.
- Reduced the CI testing time from 39 mins to 13 mins on a 3-year-old project and *dockerized* the testing environment.
- Built a fruit detection machine-learning-powered web application using Keras and Tensorflow.js on company's hackathon day. Won company's hackathon and got a free ride to *RubyConf Malaysia 2018*.

Tech used: Ruby, Ruby on Rails, React, Vue.js

Projects

- **Attendance System for Indonesian Embassy**

Built a barcode-scanning attendance web application system that's used by Indonesian Embassy in Thailand for annual events that are attended by >600 Country's VIPs including 39 ambassadors.

Tech used: React, Redux, Firebase, Google Cloud Functions, Google Sheet API

- **Dormitory Permission App**

Application used by students for requesting permission when they want to go out from dormitory. For Android and iOS. Used daily by ~200 students.

Tech used: React, Redux, React Native, Ruby, Ruby on Rails

- **Disjoy**

Reddit-like site for Indonesians that we launched in 2017. Spent Rp 10.000.000 for initial traction. 22.000 users visited site on the first week of launching. Unfortunately, we couldn't keep the organic growth and the site slowly died.

Tech used: Ruby, Ruby on Rails, Nginx, PostgreSQL, RSpec

Skills

- Proficient in JavaScript, Typescript, React, Next.js, Ruby, Ruby on Rails, Node JS, GraphQL, Python, SQL, HTML, CSS.
- Experienced with version control system, relational and non-relational databases, building web API and web application using Typescript/Ruby, mobile development using Typescript (React Native).