

# Fikri Karim

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## Education

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- **Bandung Institute of Technology**

Major in Microbiology

Aug. 2016 – Jun. 2021

## Experience

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- **Software Engineering Intern**

Blik GmbH, Munich

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.
- Designed and deployed two out of three company's major features.

*Daily tech used: React, Redux*

- **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*.

*Daily tech used: Ruby, Ruby on Rails, React, Vue.js*

## Projects

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- **Attendance System for Indonesian Embassy in Thailand**

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

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

- **Table.id**

Built a Reddit-like site for Indonesians called <https://table.id/>. Spent Rp 10.000.000 for initial traction. 22.000 users visited site on the first week of launching. Couldn't keep the organic growth and the site slowly died.

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

- **Dancing Humanoid Robot Team**

Wrote software to control the movements of a humanoid robots with 25 servos using microcontrollers Teensy 3.6 and OpenCM9.04A. Won second place at an official state-level competition held by Ministry of Education and Culture.

*Tech used: C++, Arduino*

## Skills

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

## Other Achievements

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- **Gold Medal and Best Theory on National Biology Olympiad in 2014**

Most prestigious national biology Olympiad for high school student held by Ministry of Education and Culture.

## Organizations

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- Dormitory Supervisor. *2016-2018*
- Head of Local Youth Organization. 23 active members. *2015-2016*
- Part-time Biology Olympiad Teacher. Taught at more than 15 high schools across Indonesia. *2015-2018*