

Richard Sulisthio

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EDUCATION

Tsinghua University

Bachelor of Engineering in Software Engineering

Beijing, People's Republic of China

Sep. 2018 – Jun 2022

- **Scholarships:** Beijing Municipal Partial Scholarship 2018

EXPERIENCE

Software Engineer - Web Platform

Sep. 2022 – Nov. 2022

Tokopedia

Jakarta, Indonesia

- Implement new features and fix bugs based on requirements into the Tokopedia Ads system (TopAds) UI using React.js and EmotionCSS.
- Integrate Back-end data into the Tokopedia Ads UI with Apollo GraphQL .
- Revamp the landing page of Tokopedia Ads to attract more users into using the Tokopedia Ads feature.
- Help to increase TypeScript coverage of the Tokopedia Ads Service to be 70% or above.
- Help to increase the Tokopedia Ads Service Unit Test Coverage to be 80% or above with Jest.
- Review and perform smoke testing for peers in order to prevent unwanted errors.

Software Engineer - Front End

Jul. 2021 – Dec. 2021

ACY Finance

Beijing, People's Republic of China

- Improve styling of the user interface to enhance user experience with Less.
- Built the Market page of the company that shows different token trends with React.js , Ant Design, and Less.
- Convert some features within the page to be responsive, so that users can visit it on mobile devices.

Undergraduate Research Assistant

Mar. 2021 – Aug. 2021

Tsinghua University

Beijing, People's Republic of China

- Reimplemented and optimized the Myocardial Contrast Echocardiography Quantification Algorithm using Python OpenCV and Computer Vision algorithms to visualize heart blood flow in an intuitive manner.

Software Engineering Intern - Front End

Jul. 2019 – Aug. 2019

Master Online

Jakarta, Indonesia

- Developed new features for the product with HTML/CSS/JavaScript as well as jQuery.
- Perform smoke testing on the existing product to gather insights on product improvement.

PROJECTS

AniBrowse ([link](#)) | *React.js, Next.js, Apollo GraphQL, EmotionCSS, PWA*

Jun. 2020 – Present

- Developed a web application to browse currently popular anime with Next.js and EmotionCSS.
- Incorporate responsive design into the development so that users can view the app in mobile devices.
- Incorporate server-side rendering from Next.js to improve load time and SEO.
- Optimized performance to allow the app to be installable as a Progressive Web App (PWA).

LoaKampus ([link](#)) | *MIT App Inventor, Firebase NoSQL*

May 2018 – May 2020

- Developed a student secondhand transaction App with MIT App Inventor as the front end and Firebase NoSQL as the back end.
- Won 1st Place in Mandiri TechSetter 2021 Hackathon.

TECHNICAL SKILLS

Languages: Indonesian, English, Mandarin Chinese

Programming Languages: JavaScript, TypeScript, HTML/CSS, Python, C++, Dart, GLSL, GQL

Frameworks: React.js, Next.js, Node.js, Jest, Ant Design, EmotionCSS, Less, Flutter, Django, Apollo GraphQL

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, Figma

Concepts: Computer Graphics, Test-driven Development, Unit testing, Data Structures, Algorithms, Front end Development, Back end Development, RESTful API, GraphQL, SSR, CSR, Progressive Web Apps