

Richard Sulisthio

SOFTWARE ENGINEER

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EDUCATION

Tsinghua University

Bachelor of Engineering in Software Engineering

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

Beijing, People's Republic of China

Sep. 2018 – Jun. 2022

EXPERIENCE

Software Engineer - Web Platform

Sep. 2022 – Dec. 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.
- 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

Hello | *React.js, Next.js, EmotionCSS, Figma*

Dec. 2022 – Present

- Developed a web application to facilitate on demand transactions from buyers and users.
- Selected to be Top 120 of the East Ventures INDONESIA PASTI BISA hackathon.
- 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.

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

Jun. 2022

- 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*

Jan 2021

- Developed a student secondhand transaction Mobile Application with MIT app Inventor.
- 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