Muhammad Salma Abdul Aziz
Senior Frontend Engineer
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SUMMARY

Versatile Frontend Software Engineer with over 6 years of experience in developing user-centric web applications. Proficient in web application optimization that adheres to core web vitals, including accessibility, performance, and SEO. Experienced in leveraging frameworks like React.js and Next.js to create performant and responsive interfaces. Demonstrates strong ownership and leadership skills by leading initiatives such as refactoring legacy code, establishing coding conventions, creating internal productivity tools, and authored modules used by many company applications. Additionally, possesses understanding of backend engineering and Docker as containerization tools. Dedicated to collaboration, continuous learning, and contributing to impactful projects.

WORK EXPERIENCE

Flip.id   Jakarta, Indonesia
Senior Frontend Engineer   *Aug 2022 - May 2024*

- Invented a React.js module for integrating the AI chat platform that is used by 3 Flip's React.js web applications.
- Established a React.js code convention with the Frontend team and refactored the entire codebase to follow the convention.
- Transforming legacy Userscript code into a sleek, modern architecture powered by Svelte, from the outdated Vanilla JS code.
- Created internal tools to ease operation teams resolve user complaints, improving their productivity by 40%.
- Reduce the shared Javascript bundle size of the Help Center Next.js app from 250kb to 120kb. Improved its page speed score from 40 to 84 on pagespeed.dev.
- Managed internal tools utilizing micro frontend architecture using Next.js and Module federation, supporting dozens of Flip teams in handling transaction data and requests.
- Initiated the SEO setup by creating a reusable SEO component, sitemap generator using shell script, and refactoring HTML code to be more semantic.

Frontend Engineer   *Jul 2020 - Jul 2022*

- Initiated the implementation of unit testing using Jest and React Testing Library across multiple React projects at Flip, significantly enhancing test coverage by up to 80%.
- Developed complex React.js components, such as the Timepicker, from Flip's design system, ensuring high-quality, reusable code.
- Adopted TailwindCSS to replace outdated utility classes and adjust the CSS reset to persist the UI state.
- Implemented cache helpers with some revalidation strategy to reduce API request to backend.

Ranah Maya Dwipantara   Solo, Indonesia
Fullstack Engineer   *Feb 2019 - Feb 2020*

- Created Boarding House Management system Mobile Application using React Native for occupiers and admin.
- Built administrator dashboard using Vue.js with GraphQL client to exchange data with backend.
- Created a backend API using Express.js, MongoDB and Express GraphQL to serve ±10 boarding houses with ±100 occupiers that also integrated to Xendit as payment gateway.

- Managed production deployment and updates of both Admin web and the backend to Digitalocean Droplets.

Skilledd   Remote, Singapore
Frontend Engineer   *May 2019 - Nov 2019*
- Crafted a performance tracking app using React Native to monitor a team of ±20 employees.
- Developed a text classification web app using Vue.js, achieving a 40% speed improvement in text categorization.

Tonjoo   Yogyakarta, Indonesia
Frontend Engineer   *Jan 2019 - Jun 2019*
- Created a robust job page search feature utilizing React.js and Elastic Search.
- Maintained Jawapos News Application with 100.000+ downloads, built with React Native.

Marlin Wisata Putranusa   Yogyakarta, Indonesia
Frontend Engineer   *Jan 2019 - Mar 2019*
- Initiated a Tour and Ferry booking application with React Native to accommodate service in the busy strait in Indonesia.

Zona Technology Asia   Tangerang, Indonesia
Frontend Engineer   Jun 2018 - Oct 2018
- Crafted ±15 UI components on an automotive E-commerce app using React Native.
- Built pages, routing and interaction related to product display, add to cart and checkout.

EDUCATION

Muhammadiyah University of Surakarta
Bachelor of Technology, Graduation Year 2017, GPA 2.96

Sepuluh Nopember Institute of Technology
The non-degree program, Digital Talent scholarship from the Indonesian Ministry of Communication and Information on Artificial Intelligence, Year 2018
- Initiated a mini-study club with fellow awardees to learn Python programming.

ADDITIONAL

Programming languages: Javascript, Typescript, HTML, CSS, Bash, Golang, Python.
Technologies: React.js, Svelte, Next.js, Zustand, Styled Components, TailwindCSS, Typescript, Cypress, Jest, Storybook, tRPC, React Testing Library, Docker, PostgreSQL, Prisma.
Languages: Indonesian (native), English (professional), Arabic (basic).
Courses and Certification: Css for Javascript developers, The Joy of React (Josh W Comeau), Web Security (Udemy), Typescript (Udemy), Linux shell scripting (Udemy).
Activities: Javascript mentor at Dibimbing.id, Initiator of Cipta Maya programming community.