

# VIGOR AKBAR

## SOFTWARE ENGINEER

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### PROFESSIONAL SUMMARY

Passionate Software Engineer with **5 years of experience** crafting **high-performance web applications**. Expertise in **React, TypeScript, and modern frontend ecosystems**. Dedicated to clean **architecture**, **performance** optimization, and streamlining **development workflows**. Enthusiastic about delivering **scalable solutions** that impact **millions of users**.

### WORK EXPERIENCE

#### Software Engineer

Sep 2021 - Present

Shopee - Singapore

- Maintained a **Page Builder system** to create highly **customized** web pages used by **Shopee campaign** pages (e.g. 11.11, daily campaign, etc.) with 3-5 **million** total user views per month.
- Migrated **Shopee Mall** old builder into the centralised Page Builder system. Gained **performance increase** and allowed it to **leverage** the 50+ **highly configurable** components in the existing Page Builder ecosystem.
- Developed a **browser extension** to debug Page Builder contents. **Highly useful** for Devs, QA, and PM to **inspect** hundreds of components and its **configuration** inside a page.
- Revamped a **highly reusable** Voucher UI component that is used across multiple Shopee marketplace pages and internal voucher admin portal.

#### Associate Software Development Engineer

Nov 2019 – Jul 2021

DANA - Indonesia

- Developed and maintained **dashboard** application used by DANA's merchants to manage their daily operation and their user transaction.
- **Automated** deployment flow for Frontend using Jenkins pipeline script. **Increased efficiency** of FE development workflow significantly.
- Ensure **quality** and **stability** of the dashboard app by writing unit and e2e **tests**.
- **Monitor** the dashboard application using Sentry to catch issues and fix them promptly.

### EDUCATION

#### Bandung Institute of Technology

Bandung, Aug 2015 - Jul 2019

- **Bachelor's Degree, Computer Science**
- Coordinator of Student Supervision and Representative Councils
  - Gained communication, leadership, and coordination skills

## SKILLS

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- **Frontend Development:** React, NextJS, Vue, Typescript, Javascript
- **State Management:** Redux, Zustand, TanStack
- **Styling:** SASS, Tailwind, Material UI, Ant Design
- **Testing:** Playwright, Cypress, Jest
- **Build Tools:** Webpack, Rollup, Vite
- **CI/CD & DevOps:** Gitlab CI, Jenkins, Github
- **Others:** Storybook, GraphQL, Browser Extension Development

## PERSONAL PROJECTS

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- **Personal Web Portfolio:** <https://vigorakbar.com/>  
Web Portfolio developed using React and Styled Components
- **Pokemon Pocket:** <https://vigorakbar.github.io/pokemon-pocket/> (2021)  
Pokemon deck application listing all of pokemon that you can catch using a randomizer. You can keep track of all the pokemon that you've caught. Using responsive design so you can play it on desktop or phone.  
Tech stack: React, Material UI, GraphQL
- **Writing App:** <https://vigorakbar.github.io/brain-dumpster/> (2020)  
Inspired by 750words.com, this web app is used to write anything on your mind with a target of 750 words per day.  
Tech stack: React, Material UI, localforage
- **The Siren:** <https://vigorakbar.github.io/the-siren/> (2019)  
Implementation from part of blog/magazine design using React. Learned how to use React Hooks when creating the image carousel component
- **Wedding Invitation:** <https://vigorakbar.github.io/wedding-invitation-web/> (2018)  
First personal project, archived in github page. Built a web-based invitation for my brother's wedding. Built using JQuery and AOS library. The live page was deployed using AWS.