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

- **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

- **Personal Web Portfolio:** https://vigorakbar.com/ (2025)
  Web Portfolio developed using React, Typescript, Sass, and Vite

- **My Wedding Invitation:** https://www.airavigor-wedding.com/ (2024)
  My special wedding invitation project. Built from scratch by me and my wife for our special day. Featuring custom envelope opening scroll animation, form submission, scroll transition, and mobile-first UI.
  Tech stack: React, Typescript, Sass, Vite, Vercel

- **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 catched. 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

- **Brother's 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.