Zain Fathoni

Senior Front-End Engineer

Indonesia

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Summary

A front-end developer with 10 years of experience who loves spending his spare time building user-centric products and giving talks in meetups and JavaScript conferences. Besides sharing his open-source activities, he co-organises ReactJS Indonesia and Frontend Indonesia communities to help his fellow Indonesian developers learn.

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Experience

Relay Commerce / Senior Front-End Engineer

APRIL 2024 – PRESENT, REMOTE

- ❖ Refactored a **Shopify POS app** from the deprecated Shopify POS Legacy Extensions app into the Embedded POS app, **retaining users** who have been relying on the app's integration with Shopify POS.
- ❖ Improved the web app Lighthouse Performance score **by 100% (from ~40 to ~80)**, implementing principles learned from evaluating public websites.

Ninja Van / Senior Software Engineer

JANUARY 2018 – MARCH 2024, SINGAPORE

- ❖ Led a company-wide initiative to build **reusable components** in React and Flutter **design systems** and assisted in migrating **six products** to it.
- ❖ Led a team of 5+ engineers building a new internal dashboard that enabled manual supplier creation within **less than two minutes** by employing **web accessibility** principles.
- ❖ Established an end-to-end testing infrastructure using Playwright that **caught more than 10 potential regressions** before production releases.
- ❖ Led a team of 10+ engineers building a new mobile app in Flutter with **99.88% crash-free** users. It diversifies the customer segments into small businesses, adding **thousands of parcels/day** to the total volume.
- ❖ Led a team of four engineers building a customer-facing web app in React, replacing an older one with a better user experience and security. It diversified the customer segments, adding **hundreds of thousands of parcels/day** to the total volume.
- ❖ Led a team of two engineers in building the Ninja Van static website that shows content from a headless CMS. Achieving **Google SERP (Search Engine Result Page) 1** for 13 targeted keywords.
- ❖ Established frontend unit & integration **testing infrastructure** and CI/CD. Enforced the team to maintain the test coverage for all projects above 75%, assuring the applications' stability.

Bukalapak / Software Engineer

MARCH 2017 – JANUARY 2018, BANDUNG

- ❖ Led a squad to launch a new B2B feature with **Go** microservice.

Xtremax / Software Development Manager

JANUARY 2015 – MARCH 2017, BANDUNG

- ❖ **Managed 70+ developers** and improved the developer experience by adopting a new Git workflow, which led to **doubling** development speed.

Education

Institut Teknologi Bandung / B.Eng. Computer Science
AUGUST 2008 – OCTOBER 2014, BANDUNG

- ❖ Assistant in **the 2nd e-ICON** (e-Learning International Contest of Outstanding Newages) **World Contest** in South Korea, 2012.
- ❖ Gold and Bronze Medals Awardee at the **Indonesian 24th National Students Science Fair**, 2011.

Skills

- ❖ **Technical skills**:
  HTML, CSS, JavaScript, web standards, analytics, SEO, accessibility, internationalisation, web performance, TypeScript, React, Webpack, Vite, Jest, React Testing Library, Cypress, Playwright, Gatsby, Next.js, Remix, Redux, Tailwind CSS, CSS-in-JS, Sass, GraphQL, Kontent, Contentful, Netlify CMS, Flutter, Dart, Sentry, SQL, Java, C#, Go, Ruby on Rails.
- ❖ **Additional skills**:
  Active listening, mentoring, planning, technical writing, leadership, empathy, decision-making, initiative, collaboration, asynchronous communication, and public speaking.

Projects & Interests

Senar.ai / https://senar.ai
JUNE 2022 – PRESENT, GITHUB

- ❖ Built an MVP of an education crowdsourcing platform within two days.
- ❖ Set up CI workflows for the unit, integration, and end-to-end testing for other developers to learn through a talk.

Kelas Rumah Berbagi / https://kelas.rumahberbagi.com
DECEMBER 2021 – MARCH 2024, GITHUB

- ❖ Held a hackathon to build an online course platform.
- ❖ Documented UML diagrams to communicate the product vision to contributors asynchronously.
- ❖ Set up CI workflows for the unit, integration, and end-to-end testing to ensure each contribution introduced no regressions.

WargaBantuWarga / https://www.wargabantuwarga.com
JULY 2021 – PRESENT, GITHUB

- ❖ Led 40+ open-source contributors in building a crowdsourcing website for COVID-19 medical facilities information.
- ❖ After launching the **MVP in three days**, incrementally improved the website's user experience and search engine optimisation.
- ❖ Established and enforced strong principles to ensure the best possible user experience during the difficult times of the COVID-19 delta wave.
- ❖ With **7,000+ pages served**, achieved 99.7% URLs with a good page experience on mobile and 100% good URLs on desktop.
- ❖ Achieved **234K clicks and 4.83M impressions** in Google Search at its peak month in October 2021.

KawalCOVID19 / https://kawalcovid19.id
MARCH 2020 – FEBRUARY 2024, GITHUB

- ❖ Led 39 open-source contributors in building a website portal for one-stop information on COVID-19 in Indonesia.
- ❖ Achieved **250K clicks** with **106K daily users** at its peak in March 2020.
- ❖ Built a handbook to asynchronously communicate with 500+ contributors across multiple initiatives within the community.