

Zain Fathoni

Senior Front-End Developer

Singapore

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Summary

A front-end developer with eight 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.

Experience

Ninja Van / Senior Software Engineer

JANUARY 2018 – PRESENT, SINGAPORE

- ❖ Led a company-wide initiative to build **reusable components** in React and Flutter **design systems** and assisted in migrating **five 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 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

- ❖ As an **Engineering Squad Lead**, led a team of four engineers to align with the product manager and engineers in other squads.
- ❖ Initiated and developed a **Go** microservice for a new [B2B feature](#).

Xtremax / Software Development Manager

JANUARY 2015 – MARCH 2017, BANDUNG

- ❖ **Managed 70+ developers** in the Bandung office.
- ❖ Improved the developer experience by adopting a new [Git workflow](#), which led to doubling development speed.
- ❖ Led a team developing various web applications using .NET technologies in **C#** language.

Qiwary Usaha Nusantara / Programmer

FEBRUARY 2014 – DECEMBER 2014, BANDUNG

- ❖ Developed a smartcard app using **Java Card Applet**.

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 **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.

❖ 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 – PRESENT, 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 – PRESENT, 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.