

# Alberto R Cahyantara

Front-end / Full-stack Developer

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## Profile

Self-learned front-end developer focused to create engaging and intuitive UI. With over three years of experience using React and its ecosystem, including Next.js, I prioritize the user experience by optimizing performance. I leverage TypeScript extensively to ensure fast and reliable development, and build design systems with Tailwind CSS to make products stand out & consistent. As a seasonal full-stack developer, I have extensive experience building APIs, using ORM/SQL, and managing databases. Active in programming community make me stay up-to-date with the latest technology.

I am looking for collaborative and supportive environment where we can grow together as a team through solving problem and build innovative product.

## Work Experience

**Full-stack Developer - Freelance**

July 2022 — now

- Developed full-stack applications using Next.js, utilizing various rendering techniques such as SSG, ISR, and SSR to improve performance and SEO depending on the page type.
- Integrating Prisma ORM, tRPC, and react-query on the back-end to make type-safe APIs, that are easy to call and manage.
- Migrating project to a monorepo using Turborepo to make package reusable in multiple apps.
- Added a react native (Expo) to existing project and integrated it with the back-end and auth using Clerk.
- Built a personal website with Astro that achieved a perfect 100 lighthouse score.
- Enhanced page interactivity with the island architecture with SolidJS framework.
- Created stunning animations using pure CSS, resulting in visually appealing pages even without JavaScript.
- Developed a responsive design system using Tailwind CSS for faster & easier styling.
- Deployed and maintained databases using PlanetScale, resulting in zero downtime and easier migration management.
- Developed an app with improved accessibility using ChakraUI.
- Designed multiple landing page mockups using Figma.
- Created custom markdown editor with Tiptap, incorporating all the features users expect for rich content.
- Implemented infinite scroll for blog posts, resulting in faster query speeds.

**Front-end Developer at Achiko AG**

September 2020 — June 2022

- Led & finished dashboard app revamp project within four months with a new design system, resulting in increased user engagement and improved UX.
- Improved code safety and reliability by porting legacy code to TypeScript, resulting in a more maintainable and scalable codebase.
- Optimized app performance by reducing bundle size with code-splitting, resulting in faster page load times and improved user experience.
- Designed and developed an interactive chart feature, providing users with valuable insights and data visualization capabilities.
- Implemented an advanced table system to handle complex data, improving data management and organization for users.
- Created a complex form with advanced validation, resulting in a user-friendly and error-free data input experience.
- Managed async server state with client caching, resulting faster data retrieval and more responsive app.
- Developed data export feature to Excel & PDF, allowing users to easily export and share data with others.
- Built a custom markdown editor for rich text content, providing a more flexible and customizable content creation experience.
- Implemented React Suspend and optimistic rendering to improve user experience, resulting in smoother and more responsive app performance.
- Collaborated with the back-end team to adjust API for the new dashboard, ensuring seamless integration and improved overall app functionality.

## Education

**Full-stack Javascript Developer**

February — June 2020

Hacktiv8 Bootcamp, Jakarta

**Bachelor of Engineering Physics**

2013 — 2017

Sepuluh Nopember Institute of Technology (ITS), Surabaya

## Skills

- **Typescript**
  - **Next.js / Vercel**
  - **React**
  - React Native / Expo
  - TailwindCSS / SASS
- tRPC
  - TanStack query, table, router
  - Auth.js / OAuth
  - Zustand / Redux
  - ReactHookForm / Formik
- Prisma / Sequelize
  - MySQL (PlanetScale)
  - Astro
  - SolidJs
  - Figma, and many more

## Languages

**English** as international language  
Professional working proficiency

**Bahasa Indonesia** as national language  
Native / bilingual proficiency

**Javanese** as local language  
Native / bilingual proficiency

## References

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