Ryandi Tjia

Senior Software Engineer

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Software engineer with 7 years of experience architecting, building, and maintaining frontend products at scale, plus 1 year of full-stack experience.

Work Experience

2021–Present — Senior Software Engineer, tiket.com (Mid level from 2021–2022)

- Lead engineer of tiket's Next.js based architecture, in use by 20+ frontend microservices and 60+ engineers. 70% lower server resource consumption and 30+ higher Lighthouse score compared to legacy architecture.
- Lead engineer of tiket's React component library, home to more than 100 components. Daily updates with CI/CD process for automated releases/pre-releases. In use by all of tiket's Next.js projects. Improved productivity of engineers by letting them focus on business-specific features.
- Lead engineer of Page Module, tiket's modular web content, letting product teams control the contents of each product's landing pages. 10+ modules of carousels, banners, product cards, etc., which can be dynamically styled and are responsive across mobile to desktop.

2020–2021 — Full Stack Engineer, Fairphonic (Remote, Singapore Headquarters)

- Led migration to container based architecture, which let engineers spin up the whole stack with a single docker-compose, and simplified deployment.
- Led migration from AWS to GCP, and in the process improved infra maintainability by adopting Infrastructure as Code. Coupled with migration scripts, avoided loss of data and minimized downtime and effort.

2017–2020 — Freelance Web Designer/Developer

Designed and developed: masterpallet.id, unggulsemesta.com, gcindesign.com, neoreflexology.com, paintingmasters.com.au, masterplywood.com, rajabaja.co.id, jbprint.id, etc.

Websites created are performant, converts well, have user-friendly content management system, with no downtime and no monthly cost.

2011–2016 — Import Purchasing Officer, Sinar Buana

Handled communications and orders with overseas suppliers and customs clearance.

Education

Swinburne University of Technology — Multimedia & Software Development, 2010

Skills

React, Next.js, TypeScript, JavaScript, React Native, Jest, React Testing Library, GraphQL, PostCSS, SASS, Tailwind, GitHub Actions, Docker, Terraform, AWS, GCP, Python, FastAPI, PostgreSQL, Svelte, Elixir, Phoenix