Richie Budijono

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Work Experience

Full-stack Developer
Y Lift

Oct 2024 - Present

- Led the front-end team, building an e-commerce website and 3 internal apps.
- Collaborated with the designer closely and made over 40+ pages and 100+ reusable components / widgets.
- Migrated and refactored most of the legacy code to be readable and maintainable by other developers
- Worked with the backend team to define API contracts, identify missing data points, and ensure data consistency across the frontend.

Full-stack Engineer
LangInnov / BLAST

Nov 2021 - March 2024
Jun 2024 - Present

- Developed the prototype to a full production mobile app in under 3 months for iOS and another 3 months for Android, and published them to App Store and Google Play Store.
- Developed a robust data analytics solution that streamlined performance tracking for 8000+ students, user by 40+ schools, and facilitating actionable insights for educators; the platform's usage led to increased engagement in data discussions throughout the school year.
- Integrated Google speech-to-text AI with some custom tweaks to transcribe student's audios which leads to 90% accuracy and reduces manual checking by 70%.
- Engineered a comprehensive PDF report generation tool that encapsulates schools, classrooms, and students performance throughout an entire year; which is now utilized by over 15 school administrators.
- Integrated an SSO from a third party education platform ClassLink for easier account creation or login, that is also able to match school data.

Personal Projects   Github Repos / Projects

Snap AI / Website (Full-stack App)
Flutter / Dart, Google Cloud Platform, React (Next.js), Tailwind CSS

A mobile app that leverages the power of Stable Diffusion to generate images or videos based on a prompt with customizable parameters.

Emzone (eCommerce)
React (Next.js), Flutter, Google Cloud Platform

An eCommerce listing platform that allows users to showcase products with direct links to external marketplaces like Amazon and eBay for purchasing.
Might be slow due to servers located in Asia.

Doer (Kanban Board)
Flutter, GraphQL, TypeScript
A project management in a style of kanban board where you can add workflows and tasks to make sure that your project is on track!

Expense Archive
Flutter / Dart, Realm (MongoDB), Custom Bar Charts
A mobile app to track your expenses offline and show analytics of your spendings, highlighting which category you spend the most in, and trends over time.

Skills   Complete Skills

Front-end:	Flutter, Next.js (React), React Native, HTML, Jetpack Compose, SwiftUI
Back-end:	Firebase, Google Cloud Platform, Realm (MongoDB), AWS Amplify, GraphQL (Apollo)
Prog. Languages:	Dart, JavaScript / TypeScript, Java, Kotlin, Swift, C++, SQL, Python
Tools & Software:	Android Studio, Visual Studio Code, Xcode, Insomnia (API), Bubble.io, GitHub, Salesforce
UI Designs	Material 3, Tailwind CSS, shadcn

Education

Queens College / CUNY, Flushing, NY

Jan 2017 - May 2021

Bachelor of Science in Computer Science