

Mochammad Tedy Fazrin

Frontend & Mobile Engineer

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Professional Summary

I'm a frontend engineer who also builds React Native apps. I've worked in software development since 2020, including messaging products, financial-service apps and dashboards. At Citra, I worked with the team to build BBGE and Trait from scratch and take them through release.

Technical Skills

Main stack: React, React Native, TypeScript, JavaScript

Web: Next.js, Vue.js, Nuxt.js, HTML, CSS, SCSS, Tailwind CSS, Material UI

Mobile: Expo; Swift, SwiftUI, Kotlin and Java for native integration

UI and testing: Figma, Storybook, Vitest (unit tests), Playwright (browser tests)

Integration: REST APIs, Supabase, RxDB, WebRTC, LiveKit

Other tools: Node.js, Express, Tauri, Git, GitHub Actions, Docker, CI/CD, Codex

Professional Experience

PT Citra International Digital

Frontend Engineer | Full-time | **Nov 2024 - Present**

Build web, desktop and React Native interfaces for BBGE, Trait and Ech0.

- **BBGE:** Built desktop contacts, chat, shared media and QR login screens with React and Tauri, including approval and expired-code states.
- Built a mobile screen-sharing receiver with LiveKit and added call-status and permission messages.
- **Trait (React Native):** Built workspace loading and recovery screens, keeping previously loaded content usable while the app waited for required data.
- Fixed native call cancellation and cleanup issues, and built a typed bridge for wallet and game mini apps.
- **Ech0 (React Native, Expo; in development):** Built the mobile app foundation and connected chat history, attachments and QR device linking to the SDK.
- Kept deleted messages from reappearing when older history loaded, and updated revoked messages across open screens.

BBGE iOS app: apps.apple.com/app/id6762195673

Trait product: akachat.me

Ech0 case study: tedyfazrin.com/en-US/projects/ech0

MapTrack

Software Engineer | Part-time | **Sep 2025 - Feb 2026**

- Built asset, audit and timeline screens with Next.js for an asset-tracking application.
- Used Supabase and RxDB to handle data and support offline use.

Parallax Network

Frontend Engineer | Part-time | **May 2024 - Jan 2026**

- Built Next.js screens and Fabric.js canvas tools for creating and editing visual content in the browser.

PT Nawa Data Solutions

Frontend Engineer | **Nov 2023 - Nov 2024**

- Built frontend prototypes and proof-of-concept applications with the team.
- Updated screens and layouts based on feedback from usability testing.

Professional Experience (continued)

PT Asian Technology Solutions

Frontend Engineer | Contract | Jul 2023 - Sep 2023

Client assignment: PT BFI Finance Indonesia, Tbk.

- Built React screens for customer and support-lead workflows at BFI Finance using Material UI and Tailwind CSS.
- Worked with product, backend and QA teams to build responsive screens and address review feedback.
- Used Storybook while developing frontend components.

PT Era Resolusi Pintar Indonesia

Frontend Engineer | Dec 2022 - Jun 2023

- Built point-of-sale screens with Vue.js and Tailwind CSS, adjusted designs in Figma and added unit tests.

PT eBdesk Teknologi

Front End Programmer | Feb 2020 - Mar 2023

- Built Vue.js and Vuetify dashboards for social media analytics and real-time flood monitoring.
- Added Highcharts charts and Leaflet maps to display monitoring data, with custom SCSS styling.
- Used Vitest and Playwright for frontend testing.

Selected Personal Projects

Cutroom

Owner & Developer | Oct 2026 - Present

A web app that turns long videos into short clips with editable captions.

- Built the app from scratch, including the React and TypeScript interface for reviewing clips and editing captions.
- Built a FastAPI backend with SQLite for projects and processing jobs, using FFmpeg, Whisper, DeepSeek and OpenCV for media processing.
- Added Paddle payments, email verification and recovery, and deployed the app with Docker Compose, Nginx and GitHub Actions on a VPS.
- Tested video workflows with pytest and Playwright using real media fixtures.

Live app: cutroom.ai.id

Photobooth

Developer

- Built a browser photo booth with camera capture, photo-strip layouts, stickers and image export using Next.js, React and Fabric.js.

Live showcase: photobooth.tedyfazrin.com

Source: github.com/tesy69/photobooth

Education

B.Sc. in Computer Software Engineering

University of Raharja, Indonesia | Jul 2019 - Oct 2023

Certifications

Menjadi React Web Developer Expert | Dicoding Indonesia | Mar 2024

dicoding.com/certificates/07Z6W9LWMZQR

Node.js Intermediate | HackerRank | Dec 2023

hackerrank.com/certificates/206bf29f0882

Languages

Bahasa Indonesia; English for work communication.