Mochammad Tedy Fazrin

Frontend & Mobile Engineer

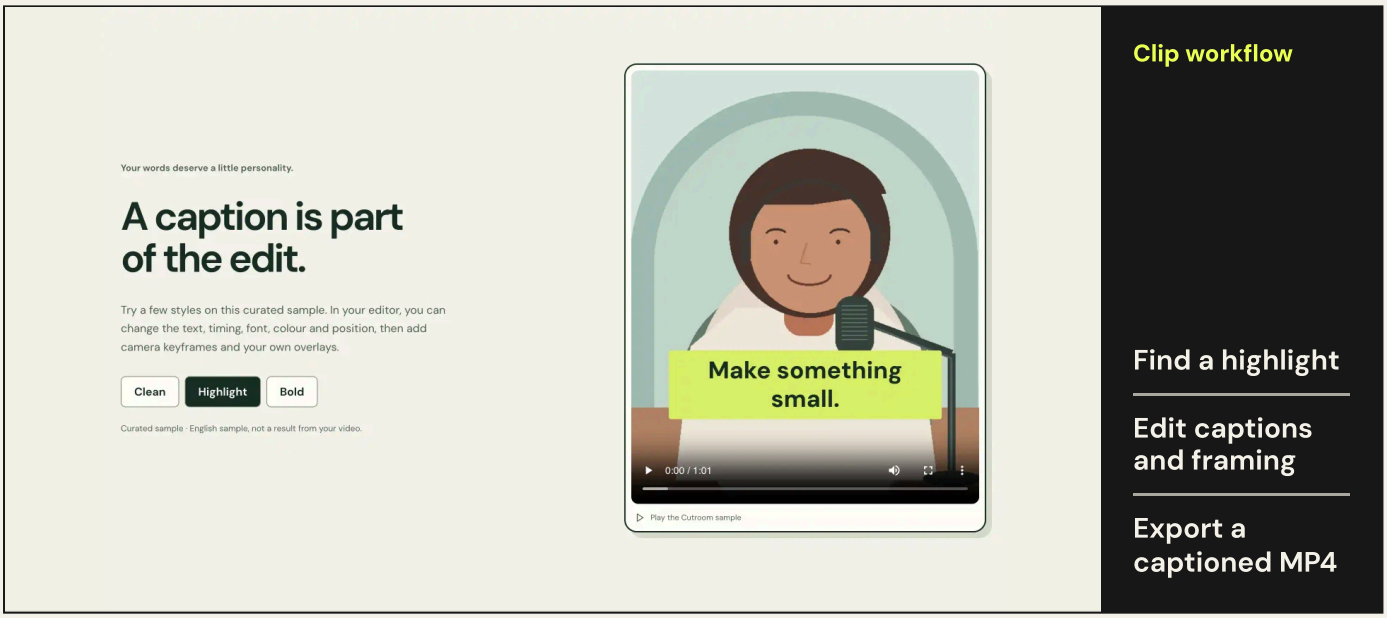
I build for web, mobile, and desktop with React, React Native, and Tauri. I've worked in software development since 2020.

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01 Independent product / Live

Cutroom

Turn a long recording into clips you can edit and share.



Cutroom's public caption preview uses sample footage.

What I built

I built the React editor so creators can correct captions, change the framing, and adjust clip boundaries before export.

How I handled long jobs

I used FastAPI and FFmpeg to run exports in the background, with saved job state so interrupted work can recover.

Visit Cutroom Read the Cutroom case study

Desktop & mobile apps

Frontend Engineer at Citra International Digital / Nov 2024 to Oct 2026

02 **Desktop client / React + TypeScript + Tauri**

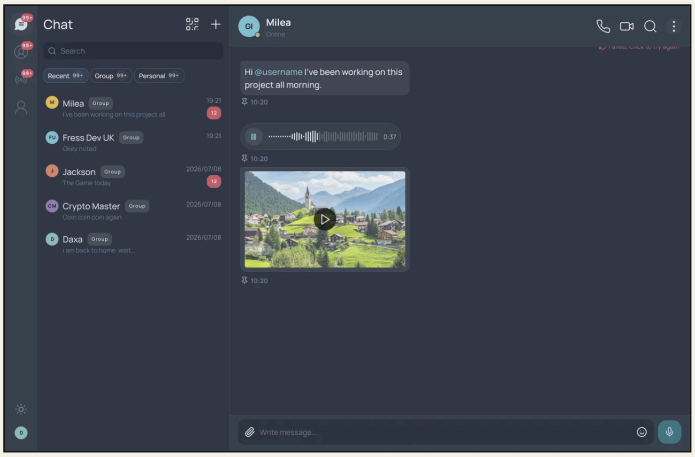
BBGE

Messaging, QR sign-in, and calls on desktop.

I redesigned the desktop contacts, conversations, group settings, and shared media screens.

I made QR sign-in show when it was waiting for approval or when a code had expired. I also worked on call status, permission feedback, and screen sharing.

Read the BBGE case study



BBGE desktop conversation. Figma design preview.

03 **Mobile client / React Native + TypeScript**

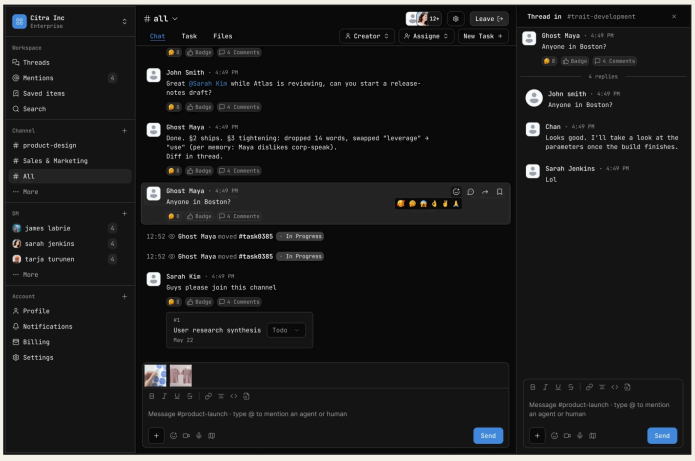
Trait

Calling and workspace recovery on mobile.

I fixed call cancellation and cleanup so native call screens and the shared media room could stay in sync.

I built workspace recovery screens that kept cached content usable during loading. I also built a typed bridge for wallet and game mini apps.

Read the Trait case study



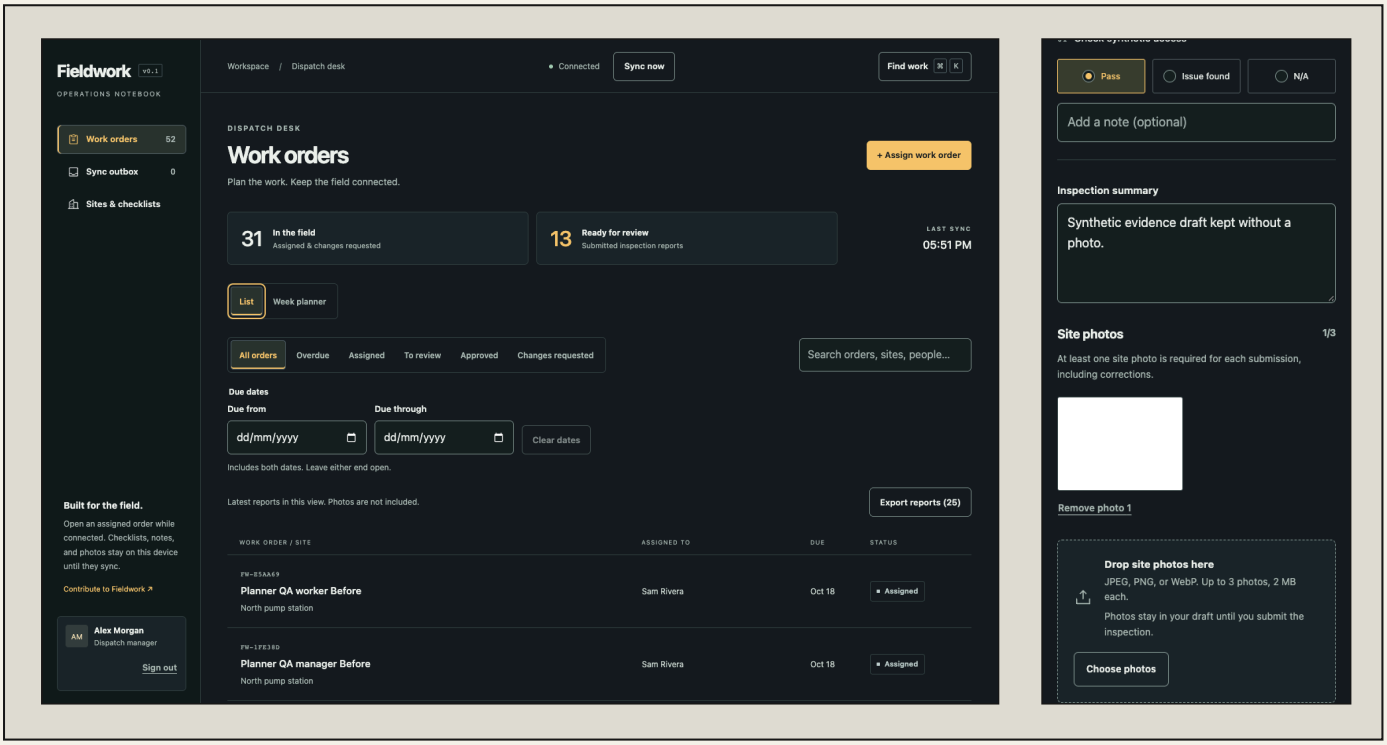
Trait workspace and thread. Figma design preview.

04 Open-source project / Web + Expo

Fieldwork

Finish an inspection when the connection drops.

I built a dispatch desk and an offline notebook for field teams. Managers assign work on the web. Workers can complete checklists, write notes, and attach photos without a signal.



Dispatch desk and worker notebook with synthetic inspection data.

Assign	Complete offline	Sync and review
A manager sends a checklist to a worker.	The device keeps the draft and photos.	The manager reviews the report after it syncs.

One sync engine, two clients

I shared the TypeScript outbox across the web and Expo apps. The web app stores drafts in IndexedDB; Expo uses SQLite.

Retries without duplicate reports

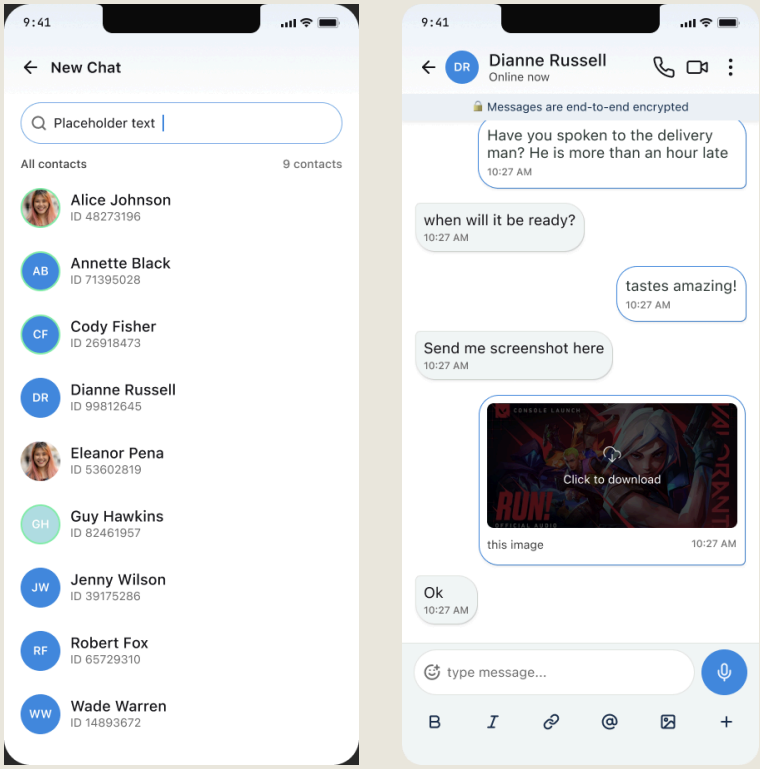
The device keeps each pending report until the server confirms receipt. Retries reuse the same submission ID, and version conflicts appear in the app.

Browse the Fieldwork source Read the sync design

05 Team project / Citra International Digital

EchO

Keep deleted messages from reappearing.



Figma design previews with sample content.

My role on the mobile team

I built the Expo app foundation and connected chat history, attachments, and QR device linking to the Rust messaging SDK.

Keeping chat state consistent

Older chat history could bring back a deleted message. I used the SDK's message IDs and versioned events to keep it hidden across open screens.

Read the EchO case study

In development / SDK integrations merged

Hiring for web, mobile, or desktop?

I'm based in Tangerang, Indonesia, and open to remote roles.

Email Tedy **Download my résumé** **Connect on LinkedIn**