Dany Arkham

Frontend & Mobile Engineer — React · Next.js · React Native · TypeScript · Web3 (Solana, EVM)

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SUMMARY

Frontend and mobile engineer with 5+ years shipping web and mobile apps on one React + TypeScript stack: a Solana trading dApp with its wallet layer and mobile wallet flows, internal web systems and a consumer app for a health-commerce brand, and an AI companion app on the App Store for a Canadian startup. Owns features end to end, from spec to production, and works async across time zones. Builds on-chain tooling (Uniswap v3/v4 with viem, Meteora DLMM) and open-source tooling for AI coding agents on the side.

EXPERIENCE

Mobile & Web Engineer (In-house) — AIMI Group / Flimty · Feb 2022 – Present · Remote

- Build and maintain the Flimty consumer app (React Native, Expo modules, Firebase Auth/Messaging, Vision Camera barcode scanning, PostHog, Sentry).
- Delivered 6+ internal products: Orca field-sales app, POS & stock PWA, CRM and affiliate dashboards, LMS, and a Next.js customer portal.
- Contributed 900+ commits, mostly on the web frontend, to FIS (Flimty Integrated System), the company's internal operations system: promo approvals, stock opname, sales orders and accounting (Accurate) integration.
- Ship test builds to stakeholders several times a week; own Android and iOS releases and store listings.
- Added automated release-integrity checks (release ledger vs. app manifest, store copy vs. build number) to the mobile pipeline.

Product Engineer, Mobile / AI — Buddy (Canada) · Dec 2025 – Apr 2026 · Remote contract

- Shipped Buddy: Virtual Pet Chat (Expo, React Native, Firebase) to the App Store as part of a two-person team: 9 App Store releases (v1.1.0 → v1.1.9) and 30+ TestFlight builds.
- Owned the path from development to the App Store: version and build management, TestFlight builds and production config (ATT, tracking). Prepared 6 of the 9 releases and submitted 3 of them myself.
- Built Onboarding V2: in-funnel chat, mood-based personalization, an animated streak step and strict paywall routing.
- Built streak logic and notification settings, refined the home-screen widget, and added PostHog analytics.
- Worked directly with the founder through daily written reports and Figma reviews.

Front-End Engineer (Web3) — ZiroDelta (Solana dApp, funding-rate arbitrage) · Jun 2025 – Feb 2026 · Remote

- Built the wallet layer of the trading web app: Solana wallet-adapter provider, connection flow, auth store and on-chain helpers (React, TypeScript, Zustand).
- Built the core trading screens — pair detail and execution panel — plus live portfolio, executions and trade drill-downs across Bybit and KuCoin over WebSocket.
- Built the wallet flows of the React Native companion app: create/import wallet, Phantom and WalletConnect connection, send/receive and transaction confirmation (SPL tokens).
- Hardened the Anchor-based vault dApp (RPC config to environment, input validation) and contributed to the marketing-site redesign.

JS Library Developer (Freelance) — PT Finnet Indonesia · Jun 2024 – Oct 2026 · Remote

- Built and published `finsnap` (npm), a JavaScript library (Webpack 5) for Finpay biller transactions: payment modals, input validation and secure submission of transaction details.

Front-End Developer — Jakarta Mandarin (Linquis) · Jul 2021 – Feb 2022

- Built the Linquis e-learning app in React Native and its admin site, and maintained internal apps for the company.

Freelance App Developer · 2020 – 2025

- IntipAja.com: designed, built, tested and deployed the full system, then handed over all access (signed acceptance, Nov 2025).
- Yamaha production-planning tablet app, Kaer Armandeus building-management and admin apps, Smart RPP lesson-planning app (Next.js + NestJS).

PROJECTS

On-chain tooling (private repos)

- `tendon` — Uniswap v3 + v4 LP entry on Robinhood Chain from Telegram: pool discovery across fee tiers and v4 hooks, range selection, mint/close. TypeScript + viem.
- `medulla` — deterministic Meteora DLMM liquidity bot on Solana (built on an open-source fork): pool screening, entry/exit rules, position monitoring every 10 seconds.

Fragment (open source) — hematenergi.github.io/fragment · Bash + Git, MIT

Project memory for AI coding agents: keeps decisions, rejected paths and next steps inside the repo so the next session doesn't re-ask. Installable as an agent skill; used in two production repos with a shared, CI-tested guard.

SKILLS

Mobile: React Native, Expo (EAS, dev client), iOS & Android release, Firebase, push notifications, Maestro (E2E)

Web: React, Next.js, TypeScript, Zustand, TanStack Query, Tailwind, WebSocket, Vite

Backend & data: Node.js, Express, NestJS, PostgreSQL, Firebase Functions, Python (scripts)

AI & tooling: OpenAI APIs, AI coding agents (Claude Code, Codex), PostHog, Sentry, GitHub Actions

Web3: Solana wallet-adapter, @solana/web3.js, SPL Token, Anchor (client), Phantom & WalletConnect (mobile), viem (EVM), Uniswap v3/v4, Meteora DLMM, exchange APIs (Bybit, KuCoin)

EDUCATION & AWARDS

B.Sc. Computer Science (S.Kom) — Universitas Nusantara PGRI Kediri · 2016–2020 · GPA 3.63

Student Body President 2019–2020

Binar Academy, Backend JavaScript — Most Progressive Student (2022)

Glints Academy, React Native — Best Team, Final Showcase (2021)

3rd place, INOTEK Kediri City Innovation Competition (2019)

LANGUAGES

Indonesian (native) · English (professional working proficiency)