

PORTFOLIO · 2026

Benoit Presly Ndong Oke

Serious things, built **end-to-end**.

I'm Benoit Ndong Oke, a full-stack and mobile developer. I design and ship cross-platform products on my own, from the data model and security rules to the finished screen: native Android in Kotlin and Jetpack Compose, web in React and Next.js, backends on Firebase and Cloudflare.

4

flagship products, built solo

1,200+

commits across two apps

v1.4.3

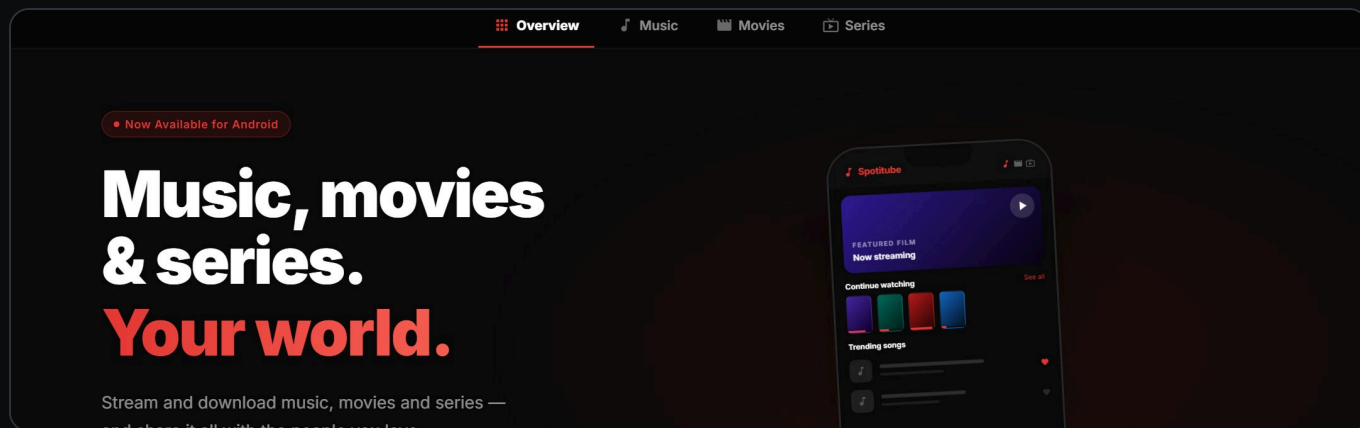
Spotitube, launch-ready

2018

shipping Android apps since

FLAGSHIP PRODUCTS

01	Spotitube	Music, movies & series · Android + web admin	2
02	Pictotube	Private social albums · Android + web + cloud	2
03	DevBlog	Interactive coding education · web (PWA)	3
04	Africonet	Diaspora super-app · web, Android planned	3



Spotitube web — landing page

Spotitube

v1.4.3 · ~920 commits

social app for music, movies & series · Android + web admin

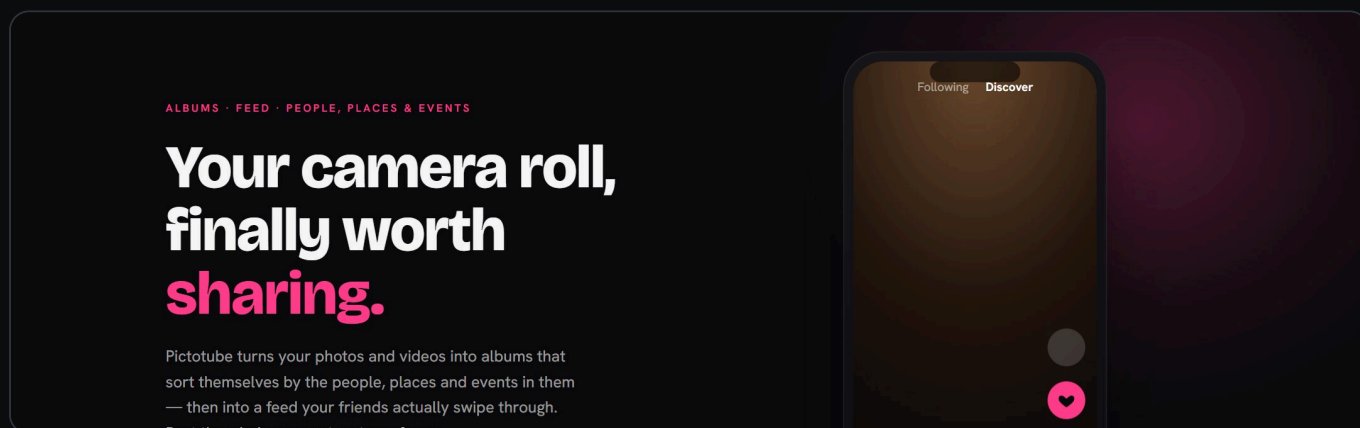
WHAT I BUILT

- Architected a layered data / domain / UI Android app with Hilt dependency injection, Room caching and a Media3/ExoPlayer streaming player.
- Shipped offline downloads and local files, playlists and likes, social features and a discovery / recommendations feed, then extended the catalog from music to movies and series.
- Built a React + MUI admin console (TanStack Query, Recharts, PWA, i18n) to manage content and users.

STACK

Kotlin Jetpack Compose Hilt Room
Media3/ExoPlayer Retrofit FCM
React 18 MUI TanStack Query Recharts
Firebase Functions

[Case study →](#)



Pictotube web — landing page

Pictotube

~284 commits · active

private social album app · Android + web + cloud

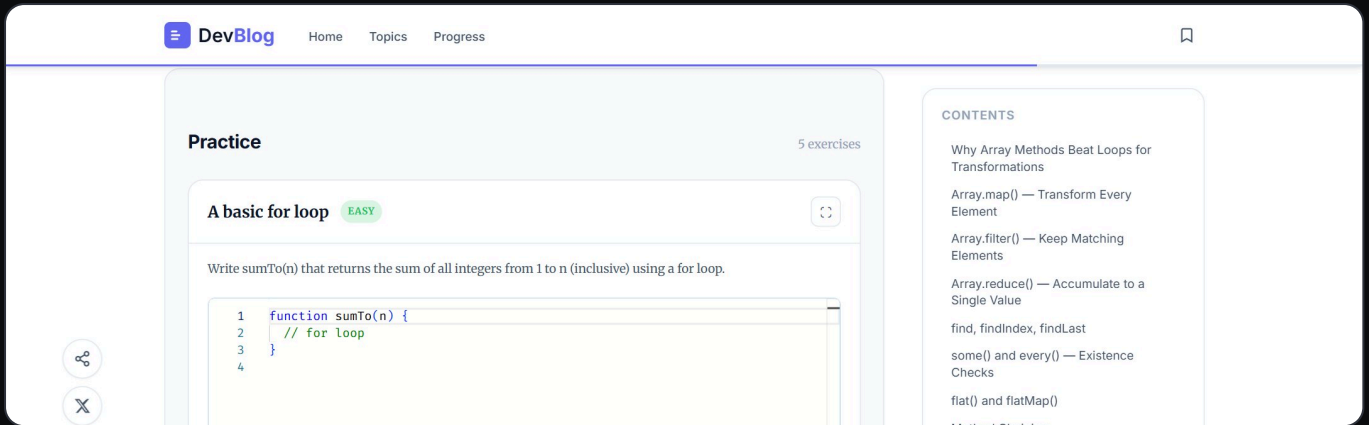
WHAT I BUILT

- Designed a memory-graph data model that ties photos and videos to an event, a place and the people in them, kept consistent across Android and web.
- Built a Pinterest-style masonry browser and a full-screen vertical video feed, with in-app CameraX capture.
- Built a Cloudflare Worker + R2 media pipeline outside Firebase, and on-device ML Kit face detection so face data never leaves the phone.

STACK

Kotlin Compose Hilt Room
WorkManager Media3 CameraX ML Kit
Coil React TypeScript Vite
Cloudflare Workers + R2 Firebase

[Case study →](#)



DevBlog — a lesson with live, auto-graded exercises

DevBlog

322 / 623 lessons

interactive coding-education platform · web (PWA)

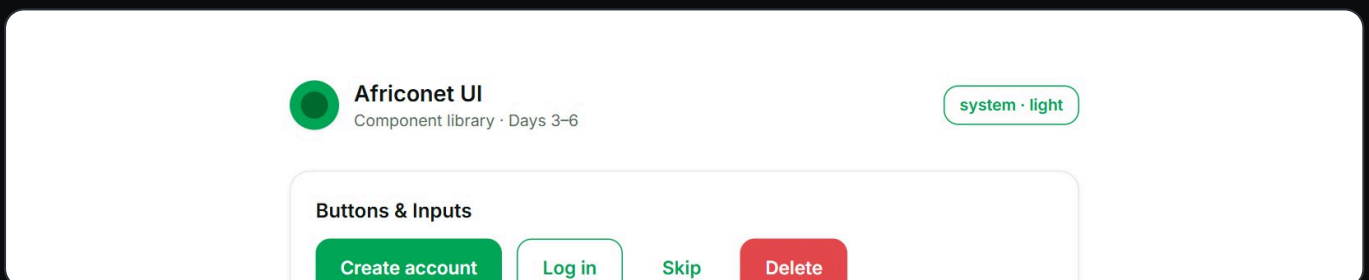
WHAT I BUILT

- Built a runner-adaptor architecture that runs learners' code safely in the browser with no backend — iframe, Web Worker, sql.js, WebContainers and AST checks.
- Configured cross-origin isolation (COOP/COEP) so WebContainers can run Node.js and Next.js inside the page.
- Added gamification (XP, levels, streaks, badges, activity heatmap), spaced repetition and a multi-type quiz engine.

STACK

Vanilla JavaScript (no framework) Monaco
Web Workers sql.js WebContainers
PWA Firebase Auth / Firestore

okebenoithub.web.app →



Africonet — the UI component library (early stage)

Africonet

early stage

professional + social super-app for the African diaspora · web

WHAT I BUILT

- Designed the V1 product (accounts, profile/CV, feed, chat, search and a jobs vertical) around a dual-origin identity: every profile, post and job carries where you are from and where you live.
- Built the design system in Next.js 16 + Tailwind 4: exact light/dark tokens, a 25-component library and a responsive app shell, low-bandwidth-first by design; Android app planned.

STACK

Next.js 16 (App Router) React 19
TypeScript Tailwind CSS 4 Firebase

[Case study](#) →

MORE WORK, THE CV AND THE CODE

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