

AYUSH MISHRA

Mobile Product Engineer | React Native & Expo | iOS & Android

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SUMMARY

Mobile Product Engineer focused on React Native and Expo, shipping and maintaining Petal Chan across iOS and Android. Work spans product behavior, debugging, testing, releases and user-led iteration.

EXPERIENCE

Creator & Mobile Product Engineer - Petal Chan | Jun 2025 - Present

- Built, shipped and maintain Petal Chan across iOS and Android, owning product behavior, architecture, UX, releases, debugging, testing and ongoing iteration.
- Reached 265K Google Play impressions, ~3K device acquisitions and 900+ monthly active devices in a six-month dashboard view.
- Reworked tracking and prediction behavior after user feedback exposed the limits of calendar-only assumptions, incorporating additional cycle signals and symptom-focused modes for irregular or altered-cycle contexts.
- Designed an offline-first, no-account architecture that keeps sensitive tracking data on-device, then validated releases through hands-on testing and production debugging.

SELECTED PROJECT

NFC Guard / Access Application - Mobile Developer | Client project

- Translated a client's guard/access workflow into a mobile NFC scan-to-record application, connecting on-site events with database-backed information for daily operations.

TECHNICAL SKILLS

Mobile: React Native, Expo, iOS & Android releases, native integrations, offline-first architecture, in-app purchases

Web & Data: TypeScript, JavaScript, React, Next.js, Supabase, Cloudflare, REST APIs, SQL/databases, Git/GitHub

Product & Quality: Product architecture, debugging, testing, App Store & Google Play deployment, production maintenance, rapid prototyping

EDUCATION

Senior Secondary (Class XII) - GBSSS No. 1 | India