Akshay Nagar

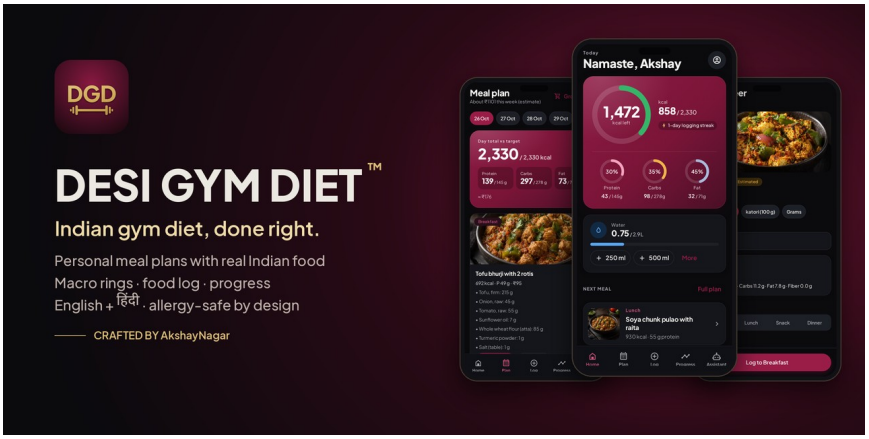
Mobile Application Developer · Portfolio

Application for: Mobile Application Developer, BookMyTourNow (BMTN Tours and Travels Pvt. Ltd.), Gurugram

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I design and ship mobile apps for Android and iPhone, from product spec to a signed release. My main project is Desi Gym Diet, a live fitness and diet app built around Indian food. I also run FLOWTIVA, which builds AI chatbots and booking automation for small businesses. I use AI-assisted development to move fast and verify everything I ship with tests.

FEATURED PROJECT: DESI GYM DIET (DGD)



A fitness and diet app that plans gym diets around Indian food: calorie and macro targets, weekly meal plans, food and water logging, workouts and reminders. Live on Android and iPhone, available in English, Hinglish and Hindi.

Try it: dgd-app.pages.dev | **Android APK:** download latest release | iPhone: open the site in Safari, Share, Add to Home Screen

WHAT THE APP DOES

- **Personalised plans:** calorie and macro targets from the user's goal, weekly Indian meal plans with swaps, allergy checks, a food database and 346 Indian recipes with ingredient-based macros.
- **Logging and progress:** food, water and weight log, recent foods, "same as yesterday", streaks, target-weight card, workout tab with proven splits or a custom split.
- **Accounts and sync:** email and Google sign-in, plan-first onboarding, email confirmation, private cloud sync per user, offline use.
- **Push notifications:** personal reminders (meals, water, workout) set by the user's wake/sleep times, with an opt-in card before the system permission prompt.
- **Android extras:** step tracker with daily goal, Health Connect screen, in-app update prompt. Languages switch from any screen.
- **AI assistant:** answers in English, Hinglish or Hindi; the key stays server-side with a daily limit per user.

TECH STACK

Mobile (Android + iPhone)

Expo SDK 58, React Native 0.88, TypeScript (strict), Expo Router

Native Android app (signed APK); same codebase runs as an installable PWA on iPhone

Local-first: works offline, syncs to the cloud when signed in

Backend and delivery

Supabase: Postgres with row-level security on every table, auth (email + Google), Edge Function for the AI assistant

Push reminders: Web Push (VAPID) via a Cloudflare Worker with a 15-minute cron; local notifications on Android

Hosting: Cloudflare Pages; releases via GitHub

ENGINEERING PRACTICES

- **Security:** row-level security on all tables, PKCE auth flow, CAPTCHA on sign-up, sign-out clears device data, unused Android permissions removed, strict web security headers.
- **Quality:** TypeScript strict mode, ESLint and Prettier, unit tests with Jest, database safety tests, CI on GitHub Actions.
- **Releases:** versioned releases with a public changelog; v1.0.0 to v1.1.1 shipped between 26 Oct and 3 Nov 2026.

SECOND PROJECT: FLOWTIVA

FLOWTIVA is a business I founded that builds AI chatbots and booking automation for small businesses on WhatsApp, websites and Instagram. It is sold as a one-time setup plus a monthly subscription.

Website: flowtiva.pages.dev **|** **Contact:** hello.flowtiva@gmail.com

- **What it does:** a chatbot answers customer questions from the business's own facts, and booking is automated so customers can confirm without waiting for a reply.
- **How it is built:** website hosted on Cloudflare Pages, Supabase database, hosted payment pages for plans, and a live demo on the site.
- **Relevance to this role:** chat and booking flows, API integrations, payments and customer-communication features are the same building blocks your travel app needs.

HOW MY EXPERIENCE MAPS TO YOUR ROLE

Your requirement	What I have built
Android and iOS apps (React Native)	Desi Gym Diet: React Native + Expo + TypeScript, Android APK and iPhone install
REST APIs and third-party services	Supabase REST/Edge Functions, AI assistant endpoint, push service, Google sign-in
Push notifications, OTP, authentication	Web Push and local reminders; email confirmation and Google login with PKCE
Payment gateways	FLOWTIVA payment pages on a live payment gateway (cards, UPI, netbanking)
App security and data protection	Row-level security, device data cleared on sign-out, permission audit
Build, versioning, release process	Signed Android releases, version tags, changelog, CI, Cloudflare Pages deploys
Play Store / App Store publishing	Android APK released on GitHub; Play Store submission is the next step on my roadmap

SKILLS

Mobile: React Native, Expo, TypeScript, Android, iPhone (PWA), push notifications, offline-first apps. **Backend:** Supabase (Postgres, RLS, Edge Functions), Cloudflare Pages and Workers, REST APIs. **Quality:** Jest, ESLint, CI, security review. **Product:** specs, UX, Hindi and English content.

LET'S TALK

I am based in Delhi NCR and happy to work on-site in Gurugram. I would be glad to walk you through the app on a call or demo it on my phone.

Akshay Nagar

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