Job Description: Senior React Native Developer (Expo & Supabase)

Role: Senior Mobile Engineer (React Native) Location: Remote / Bhopal Type: [Full-time / Contract]

About the Project

We are building CutMySugar, an AI-powered health assistant that helps users track, analyze, and reduce their sugar intake. Our app leverages computer vision (Google Gemini) to analyze meals, calculates Glycemic Load (GL) in real-time, and provides actionable insights to stabilize energy levels. We are looking for a hands-on engineer to take ownership of the mobile product, drive it to production, and scale it to thousands of users.

Key Responsibilities

- App Store Launch: Lead the end-to-end process of publishing the app to the Apple App Store and Google Play Store, ensuring compliance with all guidelines.
- Scale & Optimize: Refactor and optimize the codebase for performance, ensuring 60fps animations, fast load times, and efficient memory usage.
- Feature Development: Build and maintain robust features using React Native (Expo), TypeScript, and Supabase.
- AI Integration: Improve and maintain integrations with Generative AI (Gemini) for image recognition and nutritional analysis.
- Monitoring & Stability: Set up error tracking (Sentry), analytics (PostHog/Mixpanel), and crash reporting to ensure 99.9% crash-free sessions.
- CI/CD: specific automated build and deployment pipelines (EAS Build/Submit) to streamline updates.

Technical Requirements

- Core Stack: Expert-level knowledge of React Native and the Expo ecosystem (Expo Router, EAS, Expo Go vs Development Builds).
- Language: Strong proficiency in TypeScript.
- Backend: Experience with Supabase (Auth, Database, Edge Functions, Row Level Security).
- State Management: Comfortable with React Context / Zustand / TanStack Query.
- UI/UX: Ability to implement complex, pixel-perfect designs with smooth animations (react-native-reanimated).
- Native Modules: Familiarity with native platform APIs (Camera, Haptics, SecureStore) and occasional native code troubleshooting.

Nice to Have

- Experience with HealthKit / Google Fit integrations.
- Background in HealthTech or consumer wellness apps.
- Experience with Python (for data processing scripts).

detailed "Day 1" Tasks

1. Audit the current authentication flow (Google/Phone) and ensure it is production-ready.
2. Set up the production Supabase environment and migrate data schemas.
3. Configure EAS Build profiles for staging and production.
4. Conduct a performance audit of the "Food Analysis" flow to reduce latency.