**Quick Setup Guide – CVApp Flutter Project**

**Goal:** Get the project running on your system using your own Firebase project without affecting the original.

**1. Install Flutter & FVM**

1. **Install Flutter** (if not installed):  
   Flutter Installation Guide
2. **Install FVM (Flutter Version Manager):**

dart pub global activate fvm

1. **Install project Flutter version (3.24.5) via FVM:**

fvm install 3.24.5

fvm use 3.24.5

1. **Optionally, make FVM default for this project:**

fvm flutter --version

**2. Clone Project**

git clone https://github.com/DanialShah11/cvRepo-clean.git

cd cvRepo-clean

The code is ready. **Do not include .git folder from your personal Firebase repo**.

**3. Create Your Firebase Project**

1. Go to Firebase Console.
2. Click **Add Project → New Project**.
3. Give a unique project name.
4. Disable Google Analytics (optional).
5. Wait for creation.

**4. Register Apps in Firebase**

**Android**

1. Click **Add App → Android**.
2. Package name must match: android/app/src/main/AndroidManifest.xml → com.example.cvapp.
3. Optional: App nickname.
4. Download google-services.json → place in:

android/app/google-services.json

**iOS (Optional)**

1. Click **Add App → iOS**.
2. Bundle ID must match: ios/Runner.xcodeproj → General → Bundle Identifier.
3. Download GoogleService-Info.plist → place in:

ios/Runner/GoogleService-Info.plist

**5. Configure Firebase in Flutter**

1. Install FlutterFire CLI:

flutter pub global activate flutterfire\_cli

1. Configure Firebase for your project:

fvm flutterfire configure

* Select **your Firebase project**.
* Select platforms: Android, iOS (optional Web).
* This will generate lib/firebase\_options.dart for **your Firebase only**.

⚠️ Do not overwrite the original repo's Firebase if sharing code.

**6. Install Dependencies**

fvm flutter pub get

**7. Run the App**

fvm flutter run

* The app now connects to **your own Firebase project**.
* Data, storage, and testing are independent from the original repo.

**8. Notes & Best Practices**

* **Do not commit your Firebase config** if you want to keep original Firebase safe.
* Android package and iOS bundle must be unique for independent testing.
* All Flutter commands should be prefixed with fvm flutter for version consistency.
* Use your Firebase project to test features: adding CV data, voice input, etc.

✅ With this guide, any teammate can get the project running safely on their own system without affecting your Firebase.