

# VIGNESH

## Android Developer

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📍 Coimbatore, TN

## Summary of Qualifications

Android Developer with 2.7 years of experience in building and maintaining mobile applications using Java and Kotlin. Proficient in Android SDK, Android Studio, and third-party libraries. Skilled in backend API development using Flask / Ktor and PostgreSQL / SQLite. Focused on delivering high-quality, user-centric solutions with clean and efficient code while staying updated on the latest development trends.

## Skills

- ✓ **Programming Languages:** Kotlin, Java, flutter, python, C++
- ✓ **Architecture Components:** ViewModel, Live Data, Flow, Pagination, Hilt (Dependency Injection), MVVM Clean Architecture.
- ✓ **Storage & Data:** Room Database, SharedPreferences, Datastore, File Storage.
- ✓ **Security:** Encrypted SharedPreferences, NDK, Cmake, Keystore, OAuth, ProGuard/R8 for code obfuscation.
- ✓ **Background Tasks:** Work Manager, Job Scheduler, Alarm Manager, Broadcast Receivers.
- ✓ **Performance Optimization:** On-device profiling, memory and CPU analysis, lazy layouts, app startup improvements.
- ✓ **Location & Maps:** Google Maps API, Location Services, Geofencing.
- ✓ **Firebase Services:** Authentication, Realtime Database, Cloud Fire store, Firebase Messaging, Crashlytics, Performance Monitoring,
- ✓ **Connectivity:** Retrofit, OkHttp, Web Sockets, Server Socket, JSON Parsing

## Professional Experience

### Solutesh Software Pvt Ltd

🏢 2025 - current

Integrated the **Smart Face Embedded Kit** by Innovatrics for facial capture and identification on the GT8 biometric device running Android 11. Developed a comprehensive attendance management system supporting multi-modal authentication, including **Face**, **Fingerprint**, and **RFID** card for employee check-in/out. Implemented secure data storage both locally and on the server, ensuring reliable attendance tracking.

### Aggregate Intelligence Inc

🏢 2023 – 2025

Developed the Spot Android app from scratch, a **proxy-sharing** tool for internal company use, managing its lifecycle from version 1 to version 5 updates. Build a prediction-based stock forecasting app with an intuitive UI, incorporating interactive charts and advanced data analysis tools. Proficient in Python, with experience in writing backend APIs using **Flask** and **PostgreSQL**, ensuring robust and scalable app development. Additionally, skilled in **Flutter**, enabling basic **cross-platform** application development to deliver versatile solutions.

### Skyraan Technologies Pvt Ltd

🏢 2022 - 2023

Implemented user-friendly UIs using **Jetpack Compose**, enhancing user engagement and retention. **Developed 3 unique applications** from scratch, showcasing them in my project portfolio to highlight my expertise. Collaborated closely with cross-functional teams to define project requirements, design specifications, and project timelines. Integrated and maintained **RESTful APIs** to fetch and display dynamic content. Actively participated in daily stand-up meetings, sprint planning, and retrospectives, ensuring project success.

### OYO Rooms and Hotels

🏢 2020 - 2022

Worked as a Data Entry Operator ensuring accurate data management and maintaining hotel records. Collaborated with various departments to verify and update information, resolving discrepancies efficiently. Assisted in organizing and digitizing records, improving data accessibility and operational efficiency.

## Certifications

- Completed "**Android Jetpack Compose: The Comprehensive Bootcamp**" on Udemy, gaining expertise in modern Android UI development
- Successfully finished "**Flutter & Dart - The Complete Guide [2025 Edition]**", enhancing cross-platform app development skills.
- Learned Android 15 development by completing "**The Complete Android 15 Course [Part 1] - Master Java & Kotlin**", strengthening both Java and Kotlin proficiency.

## Education

### Bachelor of Science in Information Technology

- VLB Janakiammal College of Arts and Science, Coimbatore (2016-2019), GPA: 72%

## Project Portfolio

### 1. Gt8 Biometric App

Developed an attendance system for the GT8 biometric device with Face, Fingerprint, and RFID authentication. Integrated Smart Face Embedded Kit for secure check-ins and implemented local & server data storage

### 2. Android spot

Developed a proxy-sharing app using socket technology for secure IP exchange, ensuring precise connectivity control and data protection.

### 3. Oly Bible

Played a key role in a 3-person team developing and publishing the 'Oly Bible' Android app, serving 11aks+ users. Contributed to full-stack development, UI/UX design, and ongoing maintenance

Google Play Store URL:

<https://play.google.com/store/apps/details?id=com.skyraan.nkjvbible&hl=en-IN&pli=1>

### 4. Preggy Zone

Designed and developed a pregnancy tracker app with tracking, checklists, diet guidance, and workouts, ensuring maternal well-being. Achieved 10K+ downloads

Google Play Store URL:

<https://play.google.com/store/apps/details?id=com.skyraan.preggyzone&hl=en-IN>

### 5. Periods Tracker

Developed a Periods Tracker App for global users, enabling cycle tracking, health monitoring, notes, and personalized routines, empowering women to manage their health efficiently

Google Play Store URL:

<https://play.google.com/store/apps/details?id=com.skyraan.pperiodtracker&hl=en-IN>

### 6. Multi Apps

Developed a customizable application framework with a single-source code, enabling easy cloning and content modification. Includes 10+ templates and designs, allowing seamless app customization

Google Play Store URLs:

- <https://play.google.com/store/apps/details?id=com.skyraan.healthtips&hl=en-IN>
- <https://play.google.com/store/apps/details?id=com.skyraan.beautytips&hl=en-IN>
- <https://play.google.com/store/apps/details?id=com.skyraan.shortstoriesinenglish&hl=en-IN>