

# AYAAN ANSARI

Mobile Android Developer

Mumbai, Maharashtra

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## Professional Summary

Android Developer with 2+ years of experience building innovative mobile applications with Kotlin and Jetpack Compose. Proven track record of implementing responsive UIs, integrating APIs, and delivering user-focused solutions. Passionate about creating high-performance, scalable mobile experiences with modern architecture patterns.

## Professional Experience

### Adrosonic

Jun 2025 – Present

Software Engineer

Mumbai, Maharashtra

- Developing enterprise-level applications using **WordPress** and **.NET Framework** for client-focused solutions.
- Building scalable web applications with modern backend technologies, contributing to improved system performance by 30%.
- Collaborating with cross-functional teams to deliver high-quality software solutions within project timelines.

### Adrosonic

Dec 2024 – Jun 2025

Software Engineer (Trainee) - Internship

Mumbai, Maharashtra

- Developed an enterprise-level **Proof of Concept (POC)** for Dynamics 365 and Instanda integration, reducing process automation time by 40%.
- Gained hands-on experience with **WordPress development** and **.NET Framework** for web application development.
- Redesigned office website UI/UX with responsive design principles, resulting in 30% improved load times and 20% increased user engagement.

### BeyondSchool

Jul 2022 – Mar 2023

Android Developer Intern

Ranchi, Jharkhand

- Implemented **Text-to-Speech** and **Speech-to-Text** functionality that increased app accessibility and user engagement by 35%.
- Designed and integrated **gamification features** with rewards system and leaderboards that boosted user retention by 40%.
- Collaborated with UX team to optimize app flow, reducing user drop-off rates by 25% and increasing session duration by 15%.

## Education

### Birla Institute of Technology, Mesra

Aug 2023 – May 2025

Master of Computer Applications

CGPA: 8.1/10.0

### Birla Institute of Technology, Mesra

Aug 2019 – May 2022

Bachelor of Computer Applications

CGPA: 8.2/10.0

## Projects

### ExpenseSync | Kotlin, Jetpack Compose, Firebase, Koin, MVVM

Dec 2024 – May 2025

- Architected with **MVVM**, **Clean Architecture**, and **Repository Pattern** for maintainable, testable code.
- Implemented real-time data synchronization with **Firebase Firestore** reducing sync delays by 75%.
- Created desktop version with WhatsApp Web-style QR authentication, increasing multi-device usage by 45%.

### Research Hub | Kotlin Multiplatform, Compose, Koin, Retrofit

Jun 2024 – Dec 2024

- Built a cross-platform research collaboration tool that increased team productivity by 30%.
- Implemented **Kotlin Multiplatform** for shared business logic between Android and Desktop platforms.
- Utilized **Kotlin Flow** and **Coroutines** for reactive state management and asynchronous operations.
- Integrated push notifications with **Firebase Cloud Messaging**, improving user engagement by 40%.

### BIT App | Android, Kotlin, Firebase, MVVM

Aug 2021 – Present

- Created and maintain an app used by **1000+** university students with 4.7/5 rating on Google Play Store.

- Utilized **WorkManager** for background tasks and **Room** database for efficient local data storage.
- Implemented custom analytics dashboard to monitor usage patterns and inform feature development.

#### TTS-Engine | *Android Library, Kotlin*

Feb 2023

- Designed a custom Text-to-Speech library with real-time text highlighting and lifecycle-aware functionality.
- Published to JitPack with 500+ downloads and integration in 5+ production applications.

### Technical Skills

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**Languages:** Kotlin (Advanced), Java (Intermediate), Python (Intermediate), C# (Basic), JavaScript (Basic)

**Android Development:** Jetpack Compose, MVVM, Navigation, Room, WorkManager, LiveData, Flow, Coroutines

**Backend & Cloud:** Firebase (Authentication, Firestore, FCM), RESTful APIs, .NET Framework

**Web Development:** WordPress Development, Responsive Design

**Tools & DevOps:** Android Studio, Git, GitHub Actions, Figma, Postman

**Architecture Patterns:** Clean Architecture, MVVM, Repository Pattern, Dependency Injection (Koin, Hilt)