

Native Android Developer

Mubarak, known online as Mubarak Native, is a Native Android Developer with 3+ years of experience, specializing in Kotlin and Java. He builds high-performance, user-friendly mobile apps. An active open-source contributor on GitHub, Mubarak also creates technical articles about Android development on his Medium blog. His work combines strong coding skills with an eye for UX design, ensuring apps are both functional and intuitive.

Key Skills:

- **Android Development:** Expert in Kotlin, Java, Android SDK, and Jetpack.
- **Open Source:** Active contributor on GitHub with Android-focused projects.
- **UX Design:** Creates user-centric app interfaces and seamless experiences.
- **Technical Writing:** Author of Android development articles on Medium.
- **Entrepreneurial Mindset:** Combines technical and product strategy skills.

Portfolio:

- **GitHub:** MubarakNative -> <https://github.com/MubarakNative/>
- **Medium Blog:** -> <https://mubaraknative.medium.com/>
- **YouTube:** -> <https://www.youtube.com/@mubaraknative>
- **Personal Webpage:** <https://nativemb.github.io>

Mubarak loves to share his knowledge and create modern apps.

Android Projects (partial example from each source of data):

1. Network Based

WikiNewsFeed- WikiNewsApp: A modern Android client for fetching and displaying global news from the open-source WikiNews platform.

Technologies Used

- 🍌 **Jetpack Compose:** A modern UI framework for building native Android applications.
- 🌐 **Ktor:** A lightweight HTTP client for making requests to the MediaWiki News API (WikiNews).
- 🛠️ **Hilt:** A dependency injection framework for managing app dependencies.
- 🖼️ **Coil Compose:** A library for loading and displaying images in Jetpack Compose.
- 🏠 **Modern Android Architecture:** Following best practices for app architecture and design patterns.
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About WikiNews API

- ✅ **Reliable and unbiased news:** WikiNews is a project of the Wikimedia Foundation, ensuring neutrality and accuracy.
- 🗑️ **Free editing:** Anyone can contribute and edit news articles, promoting transparency and community involvement.
- 📄 **Open-source:** The WikiNews API is freely available for use, allowing developers to build innovative applications.
- 🌍 **Global coverage:** WikiNews provides news from around the world, covering diverse topics and events.
- 📄 **CC-BY license:** News content is licensed under Creative Commons Attribution, allowing for free reuse and sharing.

2 Android Low Level (Sensor)

MBCompass: A fully functional compose compass app that uses device magnetometer to find cardinal direction

Features ✨

- True north-based azimuths.
- Landscape orientation support.
- Clear Cardinal direction degree with custom image.
- Dark only theme support.
- No annoying ads and no in app purchase

Tech stack 🍌

- UI (Jetpack compose).
- Flow Layout
- Android architecture component (ViewModel)
- Lifecycle compose android.
- Kotlin flows

3 Local Storage (SQLITE)

Diary-notes-app: This Simple Todo app showcases the Modern Android Development and best practices

Features ✅

The main features of this app

- CRUD for notes.
- Archive and Delete notes.
- Search note through Room FTS.
- Dynamic theme Android 12+.
- The dark theme and light theme control through settings.
- Edge to Edge.

And other Miscellaneous features...

Note: This is a partial example of the project that is hosted on GitHub for each topic. For all the list of projects, don't forget to visit my [MubarakNative GitHub profile](#).

Embedded Systems (currently i am doing android projects only so the projects it might be limited)

DigitalThermometer - Making a temperature meter with lcd 16x2 using a thermistor and an arduino.

Don't forgot to check that out (just click the icon to visit the profile):

