

# Abhijith Warriier

Android Developer | Kotlin & Jetpack Compose Specialist

☎ +91-8606844667 ✉ [warrierabhijith@gmail.com](mailto:warrierabhijith@gmail.com) in [Abhijith Warriier](#) 🌐 [Abhijith Warriier](#)

## Professional Summary

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Innovative Android Developer with 3+ years of experience designing and deploying mobile applications using Kotlin, Jetpack Compose, and modern architectural patterns (MVVM, Clean Architecture). Proven ability to integrate IoT communication (USB, LoRa) with real-time data visualization and device control. Passionate about crafting efficient, testable code that enhances product performance and user experience. Recognized for transforming complex firmware and sensor logic into reliable mobile solutions with measurable business impact.

## Technical Skills

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**Languages:** Kotlin, Java

**Frameworks / Libraries:** Jetpack Compose, Android SDK, Material3, Retrofit, OkHttp, Room, DataStore, WorkManager, Hilt/Dagger

**Architecture & Patterns:** MVVM, MVI, Clean Architecture, Repository Pattern

**Concurrency & Data Handling:** Coroutines, Flow, RxJava

**IoT Integration:** USB Communication, LoRa Protocols, Firmware Parsing, Binary Decoding

**Testing & DevOps:** JUnit, Mockito, Espresso, Compose UI Testing, Git, CI/CD

**Tools:** Android Studio, Gradle, Firebase, Figma, Postman

**Best Practices:** SOLID Principles, Performance Optimization, Code Review, Agile/Scrum

## Professional Experience

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- Android Developer** Jun 2022 – Present  
Primemover Solutions Pvt Ltd. Coimbatore, India
  - Developed and deployed multiple production-grade Android applications using **Kotlin**, **Jetpack Compose**, and **MVVM architecture**, ensuring high code quality and maintainability.
  - Architected modular and scalable app components with **Clean Architecture** and repository-based data layers for improved separation of concerns.
  - Implemented reactive UI flows and asynchronous operations using **Coroutines** and **StateFlow**, enhancing performance and responsiveness.
  - Integrated **RESTful APIs**, **Firebase services**, and local persistence layers (**Room**, **DataStore**) for seamless online–offline functionality.
  - Collaborated with backend teams to optimize data exchange formats and API performance, resulting in a 25% reduction in network latency.
  - Enhanced app stability and reliability by improving crash recovery, optimizing lifecycle management, and reducing ANRs by over 50%.
  - Delivered high-quality user experiences through custom **Compose UI components**, adaptive layouts, and Material 3 theming.
  - Led continuous integration and deployment (CI/CD) initiatives, automating testing and release workflows via GitHub Actions and Firebase App Distribution.
  - Mentored junior developers on modern Android best practices, code reviews, and performance profiling.

- **Data Annotator for AI**  
Digiyoda Media Pvt Ltd

Sep 2021 – Nov 2021  
Parkel, Telangana, India

- Annotated and labeled large-scale datasets including text, images, and videos to train and validate AI and ML models.
- Collaborated with engineers to improve annotation tools and feedback loops, enhancing data labeling efficiency.
- Performed content categorization and tagging for AI data pipelines, ensuring consistency and accuracy.
- Maintained ownership of assigned tasks and adhered to evolving project workflows and auditing standards.

## Education

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**Bachelor of Computer Applications**  
Bharathiar University

Jun 2019 – May 2022  
India

**Bachelor of Arts in English**  
Rabindranath Tagore University

Mar 2018 – May 2020  
India

## Certifications

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**Android Development Using Kotlin (Internshala, 2021)** — Completed an 8-week advanced course focusing on Kotlin fundamentals, UI/UX design, and app deployment.

**Android 12 & Kotlin Development Masterclass (Udemy)** — 47-hour masterclass on advanced Compose design, architecture, and performance tuning.

**Flutter Development Bootcamp with Dart (Udemy)** — Google-certified cross-platform app development course covering modern Flutter practices.