Madhan Raj

madhanraj201297@gmail.com | +91 801 570 80 95

Portfolio | LinkedIn

Objective

Dedicated Android Engineer with 4 years of experience in designing, developing, and deploying robust and scalable applications. Passionate about building great products and committed to writing efficient code while adhering to industry best practices. Seeking an opportunity to leverage my expertise in Android development to contribute to innovative and user-centric product development in a dynamic tech environment.

Skills

- **Programming Languages:** Kotlin
- **Database Management:** Room, Realm
- **Tools and Platforms:** Firebase, AWS S3
- **Real-Time Communication:** WebSockets, XMPP, VoIP
- **Testing:** Junit4, Mockito
- **Libraries:** Coil, Lottie, Retrofit
- **Version Control System:** GitHub

Experience

Specialist - I, Jugl Technology Solutions Private Limited, Coimbatore   Jan 2022 – Present

- Conceptualized and implemented MVVM architecture and SOLID principles to enhance maintainability, scalability, and testability, leading to a more modular and efficient development process.
- Designed and developed media and document sharing features, implementing cutting-edge image and video compression techniques that optimized file sizes by up to 50% thereby enhancing user experience.
- Integrated advanced user analytics to monitor user behavior and engagement, which led to a 15% increase in user retention by providing valuable insights for improving content delivery and user experience.

App Developer, Magicbox Animation Private Limited, Chennai   Jan 2021 – Jan 2022

- Developed an advanced Over-The-Top (OTT) application with HLS (HTTP Live Streaming) support, enabling smooth and adaptive video streaming for an enhanced viewing experience.
- Implemented in-app purchase and subscription management features, allowing users to access premium content and services through various payment models, thereby enhancing revenue opportunities and user engagement.

Projects

Jugl Android App   Link

- Architected and developed various features including Workspace Management, People Management, Clients Management with a strong focus on writing comprehensive unit tests to ensure robust functionality.
- Skills/Tools Used: Hilt, Paging3, LiveData/Flow, Work Manager.

Magicbox Android App   Link

- Designed a kid-friendly user interface with engaging visuals and simplified navigation, ensuring an intuitive and enjoyable experience for younger audiences.
- Skills/Tools Used: AdMob, In-App Purchase, Subscription.

Awards and Honors

Rookie Award   Jugl - 2022

- Honored for outstanding performance and significant contributions to product improvement during the year. Recognized for exceeding expectations and enhancing the product's quality.