

KALAA

ANDROID DEVELOPER

CONTACT

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EDUCATION

2018 - 2021

MS UNIVERSITY

- Bachelor of Computer Application

SKILLS

Programming Languages & Frameworks

- Languages: Java, Dart, Kotlin
- Frameworks: Android SDK, Flutter, Ionic Framework.

(Focused on native Android

development with java and kotlin

Experience with cross platform framework including flutter and ionic frameworks)

UI Development

- Jetpack Compose, Android Views
- Android TV specific UI libraries and UX

Architecture & Design Patterns

- MVVM

Media & Streaming

- ExoPlayer, VLC Player, MediaPlayer
- WebRTC, RTCView
- HLS, Multicast, Unicast
- DRM integration
- offline and USB media playback

API Integration & Networking

- RESTful APIs, SOAP, Retrofit, WebSocket, ONVIF
- Media discovery & auto configuration.

Databases & Storage

- SQLite
- Firebase Realtime Database

PROFILE SUMMARY

Native Android Developer with 3+ years of experience building high-performance OTT and media streaming apps for Android Mobile and TV platforms. Specialized in video playback using ExoPlayer and VLC, optimized for HLS, udp, streaming, DRM integration, and responsive UI using Jetpack Compose. Proficient in delivering low-latency, high-quality video experiences and seamless user interfaces for millions of users. Strong understanding of Android media APIs, streaming protocols, and platform-specific challenges across devices.

PROJECTS

Android Developer

MR RIDSYS Technologies Pvt. Ltd.,
Puducherry

2022 AUG -
PRESENT

Digital Signage App (Android TV) - Dec 2024 - Present

- Developed a multi-layout digital signage app for Android TV using VLC and ExoPlayer.
- Supported offline video playback and real-time content switching.
- Enabled scrolling messages even without internet using a local service.
- Ensured smooth rendering on various TV screen sizes.

IP Camera Surveillance App (Mobile) - Jul 2024 - Nov 2024

- Built a live streaming app using ONVIF, RTSP, VLC, and WebRTC.
- Implemented camera discovery, screenshot capture, and remote video recording.
- Supported multi-camera views and remote management.

IQworld Display App (Cross-Platform) - Apr 2024 - Jun 2024

- Migrated a web app into a performant mobile solution using the Ionic framework..
- Optimized for Android and iOS with improved UX/UI and API handling.

RidPay - Cable Recharge & Billing App - Apr 2024 - Aug 2024

- Developed an Android app for local cable operators to manage subscriber payments.
- Integrated secure payments and reporting features with Easebuzz.
- App was successfully released on the Play Store with 4+star rating.

R-IPTV - Android TV App - Sep 2023 - Feb 2024

- Delivered an Android TV streaming app with Live TV, movies, and music.
- Delivered an Android TV streaming app with Live TV, movies, and music.
- Followed TRAI compliance for on-screen broadcasting alerts.
- Used local SQLite DB for channel caching and fast loading.

CI/CD & DevOps

- Version Control: Git
- Tools: Android Studio, VS Code, Postman, JIRA
- Familiarity with CI/CD pipelines (e.g., GitHub Actions, Jenkins)

Agile & Team Practices

- Scrum methodology
- Sprint Planning, Code Reviews, Daily Stand-ups

Payment & Monetization

- Easebuzz, AggrePay

Soft Skills

- Strong written and verbal communication
- Effective team collaboration
- Mentoring and knowledge sharing

OTT Streaming App (Mobile) - Mar 2023 - Aug 2023

- Built a fully-featured OTT app with Live TV, VOD, and third-party integrations (YouTube, Prime Video).
- Implemented HLS-based playback using ExoPlayer with minimal buffering.
- Developed UI using Jetpack Compose optimized for multiple Android devices.
- App released with a 4+ star rating on the Play Store.