MUBASHIR P A

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SUMMARY

Passionate and innovative Computer Science Engineer with a strong foundation in mobile application development and a flair for technology. Adept at creative problem-solving, with extensive expertise in building robust applications, integrating APIs, and collaborating with cross-functional teams. Proven track record of self learning and mastering diverse programming domains, ensuring adaptability in the ever-evolving tech landscape. Skilled in analyzing complex problems and crafting impactful, cutting-edge solutions.

EDUCATION

Anna University, Chennai, India   2020 - 2024

Bachelor of Engineering, Computer Science & Engineering

HSE (Class XII), NSS Higher Secondary School, Alappuzha, Kerala   2018 - 2020

EXPERIENCE

Mobile Application Developer   July 2024 - Present
Apprenticeship   *Kochi, India*

- Developed Edumate, a collaborative learning platform enabling seamless class creation, assignment distribution, and communication using Jetpack Compose and Material3.
- Built Encore, a modern Kotlin-based music player app with Spotify API integration, ExoPlayer (Media3) for high-quality playback, and Firebase authentication, communicating with a Ktor server for API management.
- Applied MVVM architecture, Room Database, and Dependency Injection (Koin) to ensure scalability, efficiency, and maintainability in both projects.

PROJECTS

Edumate: A streamlined platform that facilitates seamless interaction between learners and instructors, both inside and outside the classroom. It enhances efficiency by simplifying class creation, assignment distribution, and communication, while also saving time and reducing paper usage. (Github Link)

Encore: A modern music player app built with Kotlin, featuring seamless Spotify API integration and user authentication via Firebase. It communicates with a Ktor server to manage Spotify API data and leverages ExoPlayer (Media3) for high-quality music playback. The UI is designed using Material3, ensuring a clean and intuitive user experience. Additionally, user playlists and recently played songs are stored locally using Room database for offline access. (Github Link)

Insta Movies: A versatile movie and TV show discovery app designed to support various screen types, providing users with comprehensive information about movies, TV shows, and actors. The app integrates with The Movie Database (TMDb) API to deliver up-to-date details, reviews, and ratings, ensuring a rich and engaging user experience. (Github Link)

Contacts: Sample contacts list application designed for both iOS and Android platforms. The app allows users to manage their contacts, including viewing, adding, editing, and deleting contacts with photos. It showcases cross-platform development using Kotlin Multiplatform and provides a clean and intuitive user interface. (Github Link)

SKILLS

Technical Skills	Android Devlopment, Kotlin Multiplatform, Jetpack Compose, MVVM, Ktor, Git, RESTful APIs, JSON, SQLite, Room, Firebase
Programming Languages	Kotlin, Java, Dart