Niket Jain

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Skills

Kotlin, Java (Android)

Coroutines, Flow

Jetpack Compose, XML

Jetpack Components

Dagger Hilt, Koin

Retrofit, Ktor

Design Pattern, Solid Principles

Clean Architecture, MVVM, MVI

Unit Testing, UI Testing

Work Manager

SQL, NoSQL

KMP, Compose Multiplatform

Firebase Analytics, Crashlytics

Dart, Flutter

Tech Talks

Speaker at Google DevFest, Raipur 23, GDG Raipur 🔗
23rd December 2023
Gave a talk on "Understanding Flutter Animation APIs"

Speaker at Google I/O Extended, GDG Bhilai 🔗
10th June 2023
Gave a talk on the topic "Whats new in Flutter".

Speaker at Google DevFest, Raipur 2022, GDG Raipur 🔗
23rd December 2022
Gave a talk on "Android Widgets using Glance Framework"

Experience

Android Engineer at Mutual Mobile
April 2022 – July 2024

Ember Application
A Flutter application for controlling multiple hardware Ember devices via Bluetooth.

- Migrated native code to the Flutter codebase, using the Riverpod SM, **resulting in a 20% reduction** in development time **and a 50% improvement** in code maintainability**.**
- Responsible for maintaining and improving app performance, achieving a **15% increase** in app load speed.
- Accountable for maintaining test coverage of **more than 75%**, contributing to a **95% reduction** in production bugs**.**

Dealerware Application 🔗
Fleet Management app build using Flutter to maintain the rentals cars and users data.

- Migrated native code to the Flutter codebase, using the Provider SM, resulting in a **30% increase** in development efficiency and a **50% improvement** in code reusability**.**
- Responsible for implementing features with test coverage, ensuring a **95% reduction in** post-release defects**.**
- Responsible for fixing crashes and minimizing crash occurrence, achieving a **70% reduction in crash rate.**

Xpress Treat Application. 🔗
An Android app which helps users to book Health and Wealth services.

- Migrated complete app to Clean Architecture from plain MVVM, **resulting in a 50% improvement** in code quality **and a 30% increase** in development speed.
- Implemented E-commerce features like Cart and ItemView, resulting in a **25% increase in average order value** and a **15% increase** in user retention.
- Implemented a GeoLocation-based Notification feature to increase User retention over the app, **leading to a 20% increase in user engagement and a 15% reduction in app churn.**

Projects

JetTaskBoard,
Clone of Trello Working Board built entirely with Jetpack Compose. 🔗

- Responsive for any screen size including **tablets** and **foldables**.
- Increased app experience by using Compose **Animation API**.
- Offline first approach implemented using **Room** Database as caching layer.
- Support for reactive Android **widgets** using the **Glance** Framework.

Quoty - A Multiplatform Quote Management App 🔗

- Developed a **cross-platform mobile and desktop** application using CMP.
- Implemented a robust **backend using Ktor** to handle quote storage, retrieval, and sharing functionalities.
- Integrated a **notification system** to deliver periodic quote reminders, enhancing user engagement and motivation.