# VASU KABRA

Software Engineer

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## Summary

Software Engineer with 1 year of experience in mobile app development at Jio Platforms Limited, specializing in Flutter with expertise in Bloc and Riverpod for state management. Skilled in REST API integration, creating responsive designs, and building scalable mobile applications. Previously interned as a Flutter Developer at FiftyFive Technologies, gaining strong cross-platform development skills and a proven track record of delivering high-quality, efficient solutions.

## Technical Skills

**Languages**: Dart, Java, C, SQL
**Technologies/Frameworks**: Flutter, Android, Node.js, REST API
**Developer Tools**: Android Studio, Firebase, Git, VS code, Oracle, MySQL, Mongodb
**Software Development**: Agile, CI/CD, Object-Oriented Programming (OOP), Data Structures

## Experience

**Jio Platforms Limited**                                                   **October 2023 – Present**
*Assistant Manager*                                                                       *Navi Mumbai*

- Developed a Digital Asset Management App for Prime Minister Narendra Modi using Flutter, enabling efficient management of photos, videos, audios, and documents.
- Implemented Role-Based Access Control with four user roles (Admin, Validator, Retriever, Photographer), each having specific privileges for asset management.
- Built Advanced Search Functionality allowing users to search assets by keywords in the title, description, and tags, along with multiple advanced filters for precise asset retrieval.
- Used MVVM Architecture with BLoC for state management, integrated REST APIs for data retrieval, and added media editing (photo editing, video trimming) and automatic transcription for audio and video.

**FiftyFive Technologies**                                              **December 2022 – June 2023**
*Flutter Developer Intern*                                                                      *Jaipur*

- Developed a car rental application UI from Figma designs, ensuring a user-friendly experience and adherence to project specifications.
- Wrote reusable code and implemented clean architecture principles to enhance code quality and maintainability while using Riverpod for efficient state management..
- Integrated Google Maps API for location services and utilized the Dio library to handle REST API calls and parse JSON responses effectively

## Projects

**Carpool App** | *Flutter, Firebase, Google Maps*

- Developed a carpooling app with Flutter and Firebase, enabling travelers to share rides, reduce travel costs, and promote sustainable commuting.
- Created reusable widgets to enhance code quality and used Bloc for efficient state management, for maintainable and scalable code.
- Used Firebase services, including Cloud Firestore for real-time data storage and retrieval, and Firebase Cloud Messaging (FCM) to notify users about ride status updates.
- Integrated Google Maps API's Place Autocomplete feature to provide users with location suggestions as they type, enhancing the search experience.

**Ecommerce App** | *Flutter, Firebase, Android Studio*

- Built a 20+ screen e-commerce app using BLoC for state management and Firebase for backend.
- Implemented Clean Architecture for maintainability and scalability.
- Set up CI/CD with GitHub Actions and used Dartz package for error handling.

## Education

**Poornima Institute of Engineering and Technology**                      **Sep. 2019 – July 2023**
*Bachelor of Science in Computer Science*                                                      *Jaipur*