

RISHAV UPPAL

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EDUCATION

Degree	Specialization	Institution	GPA/ %age	Passing year
B.Tech	Computer Science	JSS Academy Of Technical Education, Noida, UP	8.7 CGPA	2023
Senior Secondary	PCM	Milton Educational Academy, Bilaspur, UP	98%	2019

SKILL SET

- Languages:** Swift, Kotlin, C/C++, JavaScript, SQL
- Mobile Technologies:** SwiftUI, Kotlin Multiplatform (KMP), Compose Multiplatform, Jetpack Compose, UIKit (basic), Apollo GraphQL, Realm, Xcode, DispatchQueue (basic), async/await
- Databases & Architectural Patterns:** MVVM, TCA, Use Case-Repository Pattern, Modular architecture, Realm
- Others:** Version Control (Git), REST & GraphQL API integration, SDLC, User Centric design, Debugging, Unit testing, Problem solving, Communication & teamwork

WORK EXPERIENCE

Network18 Media & Investments Ltd.

Software Engineer 1 (App Development Team)

(May 2024 - Present)

- Working on native iOS apps using **SwiftUI**, **GraphQL**, **Realm**, and **Xcode**, with emphasis on **unit testing (XCTest)**, **debugging**, and **clean architecture**. Handled **user login authentication** and **feed state management**.
- Developed scalable features with **TCA**, proposed the **Use Case-Repository Pattern**, and implemented flows including **pagination**, **tab-based navigation**, and **ad integrations**, working with both **GraphQL** and **REST APIs**.
- Familiar with **multithreading concepts**, and adhering to **Apple's design principles**, with experience in **test coverage**, and also contributed in **50% code sharing** between iOS and Android logic layers in **(KMP)** and **cross platform development**.

Paytail Commerce Pvt Ltd.

Software Engineer (Intern) & Software Engineer 1 (Android)

(Jan 2023 - May 2024)

- Revamped Android applications using **Jetpack Compose** and **XML**, enhancing UI performance and user experience.
- Integrated complete **loan booking flows** with **REST & GraphQL APIs**, **WebViews**, **Navigation flows**.
- Handled **SDK integrations** (Aadhaar, address search), achieving **15% cost optimization**, while also focusing on app maintenance and library improvements

PROJECTS

News18 and CNBC iOS Apps | Swift, SwiftUI, Apollo GraphQL, Realm, XCTest, TCA

- Built **tab-based navigation**, **pagination**, and sticky ad placements using **SwiftUI NavigationStack/Link**.
- Followed **TCA** and **Use Case-Repository Pattern** for modular, testable architecture with **clean data flow**.
- Integrated **GraphQL & REST APIs**, handled **WebView-native communication**, and worked on **ViewModel unit tests**.

Chat Application | Kotlin, Jetpack compose, MVVM, Android SDK, Android Activity

[Code](#)

- Created a feature-rich Android application using **StreamSDK**. This project showcased my proficiency in designing interactive **UI**, and **third-party API integration**, ultimately delivering an intuitive and efficient platform for chat and media sharing.

Aadhaar QR Nexus App | Android XML, Navigation Component, Android SDK, APIs

[Code](#)

- Handled integration of **Aadhar Karza SDK** using **XML** and **Jetpack compose** to analyze user data as per company needs.
- Integrated the third party APIs to collect and present data.

ACCOMPLISHMENTS

- Solved **400+** questions on Leetcode with a contest rating of **1447**.
- A **3-star** coder with maximum rating of **1635** on Codechef and a **Golden Badge** in the "Problem Solving" section on Hackerrank.
- Authored and published a groundbreaking research paper titled "**A survey on Automated Market-Makers (AMM) for non-fungible tokens**" on a platform provided by **Taylor and Francis Group**. [\[Link\]](#)

EXPLORE:

[Leetcode](#)

[Hackerrank](#)

[Codechef](#)

[GeeksforGeeks](#)