

Uday Pratap Singh

Android Developer

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Professional Summary

Android Developer with **1.5 years of experience** building secure and scalable fintech applications. Experienced in **UPI SDK (Mindgate) integration, Account Aggregator consent flows, Credit Card SDK integrations, REST API development, and CI/CD automation**. Strong foundation in **Kotlin, Android SDK, Jetpack Components, Coroutines**, and software engineering best practices.

Technical Skills

Programming Languages: Kotlin, Java, C++, JavaScript, Python

Android: Android SDK, Jetpack Components, Room, WorkManager, Coroutines, Retrofit, OkHttp, XML, Firebase, Jetpack Compose

Web: ReactJS, React Native, HTML, CSS, Bootstrap

Tools & DevOps: Android Studio, Git, GitHub Actions, Gradle, Fastlane, Google Play Developer API, CI/CD

Testing & Security: Espresso, JUnit, VAPT, MobSF, SonarQube, Code Coverage

Core Concepts: Data Structures & Algorithms, REST APIs, OOP, Debugging, Performance Optimization

Experience

Android Developer

OneBanc Technologies Pvt Ltd, Gurugram

Jul 2025 – Present

- Implementing **UPI SDK (Mindgate)** integration, including payment initiation, mandate handling, transaction lifecycle management, and network callback processing aligned with **NPCI standards**.
- Designed and integrated **Account Aggregator (AA)** consent workflows through secure **WebView** implementation, handling **OAuth authorization**, redirect URI processing, deep-link callbacks, and session persistence.
- Collaborated directly with **Yes Bank (YBL)** for **Credit Card SDK integration**, implementing onboarding journeys, KYC workflows, and secure transaction flows.
- Integrated and maintained multiple **third-party financial SDKs**, managing lifecycle events, callback orchestration, error handling, and secure token exchange mechanisms.
- Refactored legacy Android modules to improve **modularity**, application stability, and API/network performance.
- Engineered **CI/CD pipelines** using **GitHub Actions** and **Google Play Developer API**, automating build, signing, testing, and deployment workflows.
- Partnered with backend, QA, and product teams to deliver **scalable, secure, and compliant fintech solutions**.

Android Developer Intern

OneBanc Technologies Pvt Ltd, Gurugram

Oct 2024 – Jun 2025

- Developed **authentication workflows**, payment modules, and reusable Android UI components.
- Integrated **REST APIs** and implemented secure session management across application modules.
- Wrote and maintained **Espresso UI tests** and supported production release validation.

Frontend Developer Intern

Wictronix (Remote)

Jun 2023 – Aug 2023

- Built responsive web interfaces using **ReactJS**, HTML, CSS, and Bootstrap.
- Integrated **REST APIs** and optimized frontend components for performance and maintainability.

Projects

Brofit – Gym Management App

2023 – 2024

Developed and published a cross-platform mobile application using **React Native**, implementing membership management, scheduling, and user administration features. Successfully deployed across multiple local gyms.

Face Detection Attendance System

2022

Built an attendance tracking system using **Python** and **OpenCV**, implementing facial recognition and automated attendance logging.

Education

Chandigarh University

Mohali, Punjab

Bachelor of Engineering in Computer Science Engineering

CGPA: **8.5 / 10**

2021 – 2025

Lucknow Public Schools and Colleges

Intermediate: **92%** (2021)

Matriculation: **94%** (2019)