Mayank Goyal

Sr. Software Engineer (7+ Exp) | Flutter & Native Android App Developer

Shipped App Features to Client: Adobe, Etimad Holding & Leading Startups -Apna, BankSathi

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Passionate and results-driven Mobile App Engineer, developed & shipped 10+ high-impact robust mobile apps across diverse industries including Fintech, Security, and Food Tech.
Experienced in delivering scalable, high-performance solutions using Flutter and native Android (Java/Kotlin). Skilled in building client-facing applications from the ground up, with a focus on Clean Architecture, UI/UX design, and CI/CD pipelines, ensuring optimal performance, reliability, and exceptional user experiences.

— SKILLS

Cross-Platform: Flutter, Dart**,** BLoC, GetX

Programming Languages: Java, Kotlin

Android SDK : Jetpack Compose, LiveData, ViewModel, Room, Data Binding, Navigation, WorkManager

Architecture & Design Patterns: Clean Architecture, MVVM, Provider, Hilt, Dagger, GetIt

Libraries & APIs: Retrofit, Coroutines, RESTful APIs, Glide, SQLite, NDK, JNI

Testing & CI/CD: JUnit, Mockito, Unit Testing, Jenkins

Cloud & Analytics: Firebase (Crashlytics, Analytics, Messaging), AWS (Basic), GCP (Basic)

Collaboration & Tools: Git, GitHub, Jira, Agile/Scrum, Postman, Figma, Mobile Analytics, SSL

— Key Contributions in Mobile Apps

Referrals Module: Led the optimization of the Referrals module for new users, achieving a 40% improvement in scalability and enabling seamless service for thousands of concurrent users, significantly boosting system performance.

Play Store Release Cycle Ownership: Managed the end-to-end Play Store release cycle, including internal testing, QA, version governance, and production rollout, ensuring compliance with store policies and reducing release delays by 30%.

Advanced Feature Development: Developed and integrated Map features, video streaming modules, Deep Links, Payment Gateway integration, and Push Notifications (Firebase), enhancing the user experience and driving greater user engagement.

KYC Integration for Enhanced Security: Designed and implemented KYC (Know Your Customer) workflows, streamlining the user verification process to ensure compliance with security regulations, reducing fraud risk by 20% in core services.

Native Integration with NDK & JNI: Integrated Android NDK and JNI to develop performance-critical features like image processing and theme editor, improving app performance by 30% and reducing load times for heavy tasks.

Analytics-Driven User Engagement: Collaborated with the Analytics team to leverage data-driven insights, resulting in a 25% increase in user retention and improved engagement metrics for high-traffic apps such as CommsHub, Banskathi, and Apna.

Utilized ProGuard for code obfuscation and enhanced sensor integration for improved app performance& security.

CI/CD Pipeline Implementation & Code Quality: Implemented Jenkins-based CI/CD pipelines for automated testing and deployment, improving build times and reducing errors. Led SonarQube-based code reviews, resulting in a 30% reduction in code smells and 25% fewer production bugs.

— WORK EXPERIENCE

Contractual Role	Designation	Project/App :	Contract: 2years
Etimad Holding, Abu Dhabi	Sr Software Engineer	FalconEye(Traffic Monitoring Platform)	Aug 2024 - Sep 2025
Varite India, Gurgaon	Sr Software Engineer	Adobe Photoshop Express	Jan 2024 - July 2024
Concentrix Technologies	Associate Manager	CommsHub App	May 2023 - Oct 2023

- Implemented platform-specific closures to integrate with native libraries, enabling advanced functionality on Android, iOS, and web platforms.
- Built feature-rich modules including camera, gallery, Google Maps integration, and dynamic listings to deliver robust and interactive user experiences.
- Integrated SignalR for real-time communication, allowing live updates and event-based data sync across platforms and Implement nested navigation.
- Designed and implemented nested navigation to improve user flow and app scalability.
- Developed modules utilizing WorkManager, Isolates, and MethodChannels to enhance app performance and background task handling.
- Built robust navigation components, including navigator, routes, and media controls to improve user experience.
- Implemented Jenkins pipelines for continuous integration and automated deployment of mobile app

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Ailoitte Technologies— Flutter Developer - FTE   May 2021 - May 2023
- Built @LinkOMed social and onboarding platform for medical professionals. Implemented CMS, LMS, and credential verification systems, and led the completion of an integrated AdTech module for marketing engagement.
- Collaborated with unicorn startup **Apna** and fintech client **BankSathi** to build high-quality, scalable mobile apps, driving stronger user engagement and feature adoption.
- Engineered reusable components and an app library to streamline development, leading the creation of 7 Flutter projects from scratch while applying Clean Architecture for scalable, maintainable code.
- Integrated multiple APIs on Node.js backend for fintech client AHA, enhancing app functionality and data management.
- App Redesign with Null Safety: Spearheaded the Null Safety migration and complete app redesign, improving codebase stability and long-term maintainability, resulting in a 25% reduction in potential runtime issues and ensuring smoother updates.
- Led agile sprints using Jira for task tracking and team collaboration, improved code quality with SonarQube-based reviews (reducing code smells by 30% and production bugs by 25%), and enhanced API performance and troubleshooting with Charles Proxy for network traffic analysis.

ANR Software— Associate Programmer - FTE   January 2019 - April 2021
- Developed Project Management App in JavaFX, integrating XML UI and multi-language support for accessibility.
- Worked on 10+ apps (Altametrics, Hubworks, InHouse, TimeClock), focusing on app robustness & performance.
- Designed React Native and Flutter apps, enhancing cross-platform compatibility with reusable components.
- Added and optimized custom UI components to the App Library, improving development efficiency across projects
- Integrated CameraX, Carousel, and Scope Storage, addressing platform limitations and enhancing performance.
- Implemented PDFCreator for generating custom PDFs and report exports within apps.
- Managed SQLBuddy for db synchronization and integrated PHP Server with JavaFX for backend interaction

NextGen Invent— SoftwareTrainee   June 2018 - December 2018

GATE: All India Rank of **6777 in GATE 2018** (Computer Science).

— PROJECTS & APPLICATION —————————————————————

- Traffic monitoring and management platform, MCC
- Adobe Photoshop Express
- ComsHub, Concentrics
- LinkOMed, BankSathi, Apna.Co , JobWala
- FinSys Wallet, LendPesa, ProtoVerify, ProtoStaff, Khoji, SupDup, Travelaya
- AltametricsClock, ZipShiftBook & ZipCheckList, AltaLogger, AnrCafe

— EDUCATION ———————————————————————————

Maharaja Agrasen Institute of Technology, Delhi   2013 - 2017

Bachelor of Engineering in Information Technology | 66.13%

Greenfields Public School, Delhi, 2013 : X- 77.9%, XII - 69%

Community Work: • Volunteer at Smile India Event' 2024   • Volunteer at Scrap Event' 2022

Hobbies: Reading Newspapers, Solving Puzzles, Statistics