Sayok Dey Majumder

Android Developer

Bengaluru | [Blog] | +91 9051 880247 | sayokdeymajumder@gmail.com

Professional Summary

Results-driven Android Developer with 4+ years of experience in building scalable mobile applications using Kotlin, Jetpack Compose, and modern Android architecture patterns. Proven track record of delivering high-quality applications for fintech and e-commerce domains, with expertise in Kotlin Multiplatform, accessibility optimization, and cross-functional collaboration. Recognized for technical excellence with EIA 2024-Q1 award. Passionate about creating intuitive user experiences and leveraging cutting-edge technologies to solve complex problems.

Education

University of Engineering & Management Kolkata

B.Tech in Computer Science & Engineering (CGPA: 8.24)　　　　　*Graduation Date: March 2020*

Work Experience

Fidelity Investments　　　　　Bangalore

Grade 4 Mobile Developer　　　　　*November 2024 - Present*

Awards: EIA 2024-Q1 Winner

- Developed and maintained Fidelity Youth App:
    - Upgraded modules to support latest Android libraries and SDK versions.
    - Architected and maintained monorepo multimodule project structure for improved code organization and build efficiency.
    - Enhanced accessibility support from 40% to above 80%, ensuring compliance with WCAG standards and improving user experience for all customers.
    - Resolved critical production bugs and improved app stability through proactive monitoring and debugging.
    - Implemented 16KB page size support for optimized memory management and performance.
    - Led the decommissioning of Youth App, ensuring smooth data migration and user transition.
- Working with Fidelity flagship app:
    - Migrated youth-specific features to the flagship application, consolidating user experiences across platforms.
    - Built Request Money feature enabling teens to seamlessly request funds from parents with secure authentication flows.
    - Implemented Gift Card to Cash conversion feature with real-time balance updates and transaction tracking.
    - Developed P2P transfer functionality for Android, facilitating instant peer-to-peer money transfers with enhanced security measures.

IBO (EBO Mart Pvt. Ltd)　　　　　Bangalore

SDE-1 Android　　　　　*September 2022 - October 2024*

- Developed and maintained the IBO Prod app with focus on user experience and performance:
    - Implemented Skeleton View loading states for enhanced perceived performance and user engagement.
    - Designed and implemented Dark and Light theme support with dynamic theming capabilities.
    - Created Wallet page using Jetpack Compose, leveraging modern declarative UI patterns for efficient rendering.
    - Incorporated smooth animations using XML and MotionLayouts, improving app fluidity and user delight.
    - Designed comprehensive Store Details Pages with optimized data fetching and caching strategies.
- Led development of Internal Store Handheld Device project:

- – Maintained IBO Store App with focus on stability, performance optimization, and crash-free rates above 99%.
- – Implemented granular runtime permission handling following Android best practices for security and user privacy.
- – Developed Store Cycle Count and Store Picking features for streamlined inventory management and real-time stock updates.
- ○ Built Kovai Pazhamudir Nilayam (KPN) App from ground up:
  - – Architected Navigation system using Android Navigation Component for type-safe, predictable app navigation.
  - – Created all UI components using Jetpack Compose, following Material Design 3 guidelines for modern, dynamic interfaces.
  - – Implemented server-driven UI architecture for home page, enabling real-time content updates without app releases.
  - – Integrated Location Services with Google Places API and Google Maps SDK for intelligent outlet selection based on user location.
- ○ Developed KPN Internal Picking App with complete ownership:
  - – Established end-to-end app architecture using MVVM pattern with Jetpack Compose, Hilt dependency injection, and Coroutines.
  - – Built responsive UI in Jetpack Compose to display and manage received orders with real-time updates.
  - – Developed and maintained RESTful API integrations using Retrofit and OkHttp with comprehensive error handling.
  - – Created scalable Navigation architecture supporting deep linking and modular feature navigation.
  - – Integrated Firebase Cloud Messaging (FCM) for push notifications with custom notification handling and click actions.
- ○ Architected IBO LMS (Learning Management System) app:
  - – Setup complete app architecture using Jetpack Compose with clean architecture principles and repository pattern.

Tata Consultancy Services   Kolkata
Assistant Systems Engineer   *October 2020 - September 2022*

- ○ Served as ServiceNow Administrator for Johnson & Johnson, managing platform configurations, workflow automation, and system integrations.
- ○ Collaborated with cross-functional teams to implement business process improvements and resolve technical issues.

Projects & Portfolio

Published Android Applications:

- **Kaffeine - Keep Screen On** | Google Play Store — Utility app to prevent screen timeout with customizable settings and battery optimization.
- **WatchDog - App Blocker & Focus** | Google Play Store — Productivity app helping users stay focused by blocking distracting applications with intelligent usage tracking.

Web Development & Cross-Platform Development:

- **Blue Labs** | bluelabs.in — Professional portfolio website built using Compose Multiplatform, showcasing cross-platform development expertise.

For additional projects and detailed portfolio, visit: **bluelabs.in/portfolio**

Technical Skills

- **Languages:** Kotlin, Java, Python 3.x, JavaScript, HTML/CSS

- **Mobile Development:** Android SDK, Jetpack Compose, Kotlin Multiplatform, MVVM Architecture, Clean Architecture

- **Cross Platform and Web development:** Compose Multiplatform, React and React Native(Basics)

- **Frameworks & Libraries:** Retrofit, Coroutines, Hilt/Dagger, Room, Navigation Component, WorkManager, FCM

- **Tools & Technologies:** Git, Gradle, Android Studio, RESTful APIs, Firebase, Google Maps SDK, Material Design

- **Methodologies:** Agile/Scrum, CI/CD, Code Review, Unit Testing, Accessibility (WCAG)

Certifications

- **NPTEL: Programming Data Structures and Algorithms Using Python** | Certificate Link

- **Android OS Internals/AOSP Building** | Certificate Link

Social

- **GitHub:** https://github.com/NeilSayok

- **StackOverflow:** https://stackoverflow.com/users/8009420/sayok-majumder

- **LinkedIn:** https://www.linkedin.com/in/sayok-dey-majumder-230a00152/

- **Website:** https://bluelabs.in/