

Monir Hossain

Senior Android Engineer

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Dhaka, Bangladesh

PROFESSIONAL SUMMARY

Senior Android Engineer with 8+ years of experience building secure, scalable, and high-performance applications. Expert in **Edtech**, **Healthtech**, **Communication**, **SDK development**, and **payment systems**. Specialized in **Kotlin**, **Jetpack Compose**, and **MVI/MVVM** architectures. Proven track record in delivering **GDPR-compliant** solutions and leading Android initiatives for products serving over 1M+ users.

TECHNICAL SKILLS

- **Core Android:** Kotlin (Expert), Java, Android SDK, **Jetpack Compose**.
 - **Architecture & SDK:** **SDK Design**, **API Stability**, Clean Architecture, MVI, MVVM, Modularization.
 - **Security & Payments:** **Tokenization**, Encryption, Secure Storage, **GDPR/COPPA Compliance**.
 - **Networking & Data:** Retrofit, Ktor, WebSockets, Room, DataStore, GraphQL.
 - **Testing & CI/CD:** JUnit, Espresso, GitHub Actions, Release Automation.
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PROFESSIONAL EXPERIENCE

StarConnect | Lead Mobile Engineer | August 2025 – Present

- Leading end-to-end development of the **StarConnect** Android and iOS apps, a platform connecting fans with their favourite stars through social networking, real-time messages, and 1-to-1 video calls.
- Driving mobile architecture, release management, and code quality while mentoring the mobile engineering team.
- Collaborating with product, design, and backend teams to turn business goals into polished, user-facing features.
- Championing app stability and performance through profiling, crash monitoring, and a consistently **high crash-free session rate**.

Northprim | Senior Android Engineer (Remote) | June 2023 – July 2025

- Led the development of **eDoktor**, a **GDPR-compliant** telehealth application ensuring secure video consultations.
- Increased user engagement by **80%** through UI/UX optimization and performance tuning.
- Architected modular features using **Jetpack Compose**, **StateFlow**, and **Coroutines** for real-time data handling.
- Managed technical decision-making for architecture and scalability within a large-scale Android environment.

Durbin Labs Limited | Senior Software Engineer (Android) | Feb 2022 – May 2023

- Developed **Retina LMS**, a learning management system serving thousands of students.
- Built **Doktor Dekhao**, integrating **Zoom Video SDK** for remote consultations.
- Mentored junior developers through rigorous code reviews and pair programming sessions.

Shurjomukhi Limited | Android Developer | Mar 2020 – Jan 2022

- **SDK Leadership:** Led the development of the **shurjoPay Android & Flutter SDKs**, enabling thousands of clients to integrate payment gateways seamlessly.
- **Security Integration:** Implemented secure payment handling, ensuring data integrity and compliance.
- Developed **Hatekhori**, an educational app series with **1M+ users**, ensuring full **COPPA compliance**.
- Built **praniSheba**, an IoT system using **TensorFlow Lite** for machine learning-based identification.

Microtrade Group | Android Developer | Jan 2018 – Feb 2020

- Developed **Dhamaka Shopping**, a high-traffic eCommerce platform utilizing **GraphQL** and **WebSockets**.
 - Built **Buddy**, a ride-sharing application implementing real-time **Location Services** and **Google Maps SDK**.
 - Utilized **MVVM** and **Coroutines** to manage complex threading and data persistence with **Room**.
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EDUCATION & PUBLICATIONS

- **M.Sc. in Computer Science & Engineering** | Jahangirnagar University
- **B.Sc. in Computer Science & Engineering** | Northern University Bangladesh
- **Publication:** *eExpense: A Smart Approach to Track Everyday Expense*, IEEE (2019) – Automated expense tracking using **OCR**.