

SHAKIL AHMED

MOBILE APPLICATION DEVELOPER | Android • Flutter • Cross-Platform

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PROFESSIONAL SUMMARY

Mobile Application Developer and Daffodil International University CSE alumnus with 3+ years of professional experience developing and maintaining production-oriented Android and cross-platform mobile applications for enterprise, financial, sales, field-operation, recruitment, e-commerce, and logistics workflows. Strong in object-oriented application development with Kotlin/Java, Flutter/Dart, RESTful APIs, JSON, MVVM/Clean Architecture, local persistence, notifications, Git, debugging, Android version compatibility, and security-conscious API handling. Experienced translating business requirements into maintainable mobile workflows and supporting applications through feature enhancement, issue resolution, and ongoing production use. Currently expanding hands-on React Native/TypeScript development.

CORE TECHNICAL SKILLS

Mobile Development OOP & Architecture	Android, Flutter, Kotlin, Java, Dart, React Native (portfolio development), TypeScript/JavaScript Object-Oriented Programming, MVVM, Clean Architecture, Repository Pattern, Riverpod, ViewModel, LiveData, Kotlin Flow
API & Integration	RESTful APIs, JSON, Retrofit, authentication flows, role-based access, third-party API integration, error handling
Data & Persistence Quality & Security	Room, SQL, local persistence, repository abstraction, data integrity and migration fundamentals Debugging, bug fixing, UI refinement, Android permissions, notifications, version compatibility, secure API handling
Tools & Delivery	Git, GitHub, Gradle, Android Studio, VS Code, Firebase, iterative feature development and production support

PROFESSIONAL EXPERIENCE

Premier Cement Mills PLC

Jan 2024 - Present

Executive (IT) - Full-time | Dhaka

- Develop, maintain, and enhance a business-critical Android application supporting daily sales and distributed field operations.
- Translate operational requirements into API-driven mobile workflows covering sales activities, marketing targets, cash deposits, attendance, leave, notifications, and on-demand reporting.
- Diagnose and resolve production issues, improve UI and application stability, and maintain compatibility with newer Android versions, including Android 13+ permission and notification requirements.
- Led development and implementation of Truck Bidder, an Android application supporting truck procurement, bidder coordination, cement-delivery planning, and operational decision-making.

DataMartBD Limited

Aug 2024 - Present

Software Engineer - Contractual | Dhaka

- Develop mobile applications for financial, sales, delivery, and operational workflows using Flutter/Dart and Android technologies.
- Developing DM Trade, a mobile-first capital-market application prototype using Flutter 3.35, Dart 3.9, and Riverpod 3 with reusable components, responsive financial UI, dark/light themes, BDT formatting, and Simple/Advanced trading modes.
- Designed a TradeRepository abstraction so fixture data can be replaced by live backend APIs without rewriting the UI layer, supporting a modular and maintainable cross-platform codebase.
- Developed Dealer Aid, a role-based Android application supporting order processing, delivery tracking, payment workflows, and operational reporting; also built a mobile app for field updates, activity tracking, and team coordination.

EWN Bangladesh Limited

Jan 2023 - Dec 2023

Junior Software Engineer (Android) - Full-time | Gulshan, Dhaka

- Developed and maintained native Android features across office management, recruitment, e-commerce, and inventory applications.
- Implemented responsive XML interfaces, employee and recruitment workflows, user/vendor features, and operational screens; contributed more than 50% of employee-side implementation for the OPUS recruitment application.
- Implemented Arabic localization and right-to-left layouts, and performed debugging, bug fixing, UI refinement, image-upload troubleshooting, and usability improvements across production-oriented applications.

SELECTED MOBILE PROJECT HIGHLIGHTS

Premier Sales App - Enterprise Mobile Application

Android | REST API | Enterprise Workflows

- Supports daily sales activities, marketing targets, cash deposits, attendance, leave, notifications, and on-demand reporting for distributed field teams.
- Maintained production stability and resolved Android 13+ permission and notification compatibility issues.

DM Trade - Capital-Market Mobile Application

Flutter 3.35 | Dart 3.9 | Riverpod 3 | Repository Pattern

- Developing a mobile-first trading prototype with reusable components, financial data presentation, BDT formatting, dark/light themes, and Simple/Advanced trading modes.
- Designed a TradeRepository abstraction to support migration from fixture data to live backend APIs without rewriting the UI layer.

Dealer Aid - Sales & Delivery Application

Android | REST API | Role-Based Workflows

- Developed multi-role workflows for order processing, delivery tracking, payment handling, and operational reporting.

Truck Bidder - Logistics & Procurement Application

Android | Operational Workflow Design

- Led development of a mobile application supporting truck procurement, bidder coordination, cement-delivery planning, and operational decision-making.

OPUS & SCAI - Recruitment and Office Management Apps

Android | XML UI | Localization

- Contributed to recruitment, attendance, punch in/out, catering, chat, visitor management, and employee workflows; implemented Arabic localization and RTL interface support.

CURRENT CROSS-PLATFORM PORTFOLIO - IN DEVELOPMENT

FieldFin - Microfinance Field Operations App

Sep 2026 - Present

React Native CLI | TypeScript | Redux Toolkit | REST API | SQLite

- Building an offline-first workflow for client profiles, loan schedules, installment collection, transaction history, overdue tracking, and field reporting.

MicroLedger - Digital Loan & Savings Passbook

Sep 2026 - Present

React Native / Expo | TypeScript | Context API | Axios | Secure Storage

- Building a customer-facing cross-platform financial app for savings, loans, repayment schedules, transactions, receipts, and reminders.

SELECTED LIVE SOFTWARE PROJECTS

- **KCC Women's College** - Developed public-facing and backend-supported institutional pages using React.js and Express.js. | Live: kccwc.edu.bd
- **PolicyPaperBD** - Built an API-driven news publishing platform using Next.js and Fastify with structured publishing and responsive content delivery. | Live: policypaperbd.com
- **Additional live projects:** markomata.com | socialauto.site

EDUCATION

Bachelor of Science in Computer Science and Engineering

2018 - 2022

Daffodil International University | CGPA: 3.03

HSC, Science - BCIC College | GPA: 4.67 • SSC, Science - Bindu Basini Govt. Boys' High School | GPA: 5.00

TRAINING & CERTIFICATIONS

Android App Development - PencilBox Training Institute / SEIP (2022) • Flutter - Genex Infosys / ICT Division (2021) • CEH Training - DIU Cyber Security Club (2019) • Android App Development - Digicon Technologies / ICT Division (2018)