

MEHEDI HASAN

Senior Android Engineer | Kotlin, Flutter | Android
Architecture | Backend & DevOps

Dhaka, Bangladesh

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github.com/sumonhub | linkedin.com/in/sumonlogs | sumonlogs.com | [Play Store](https://play.google.com/store/apps/details?id=com.sumon.v0.0)



Professional Summary

Senior Android Engineer with **7+ years of experience** building and shipping production apps in Kotlin, Java, and Flutter. **Delivered 8+ applications** across e-commerce, ERP, VPN, and field-operations domains, reaching **200,000+ Play Store downloads**. Strong expertise in Android architecture, Jetpack Compose, Coroutines, and REST API integration, with hands-on backend, Docker, Linux, and Nginx experience — able to own a product from client brief through production deployment.

Key Strengths

- **Android-to-infrastructure depth:** builds apps, integrates backends, deploys to VPS, and maintains production systems end-to-end.
- **Offline-first architecture:** designs sync-safe, conflict-resistant data layers for low-connectivity field apps.
- **Full product ownership:** takes non-technical client briefs through scoping, build, Play Store release, and post-launch support.
- **Cross-stack fluency:** collaborates with or fills in for Laravel, Node.js, and Django backend teams.

Technical Skills

- **Mobile Development:** Kotlin, Java, Flutter, Jetpack Compose, MVVM, Clean Architecture, Coroutines, Kotlin Flow, Room, Hilt, WorkManager, Retrofit, Firebase, JUnit, Espresso, Gradle, Material Design
- **Backend & Web:** Laravel, Node.js, React, Next.js, Django, REST APIs, MySQL, MongoDB, Redis, Queues
- **Infrastructure & DevOps:** Docker, CI/CD Pipelines, Linux Server Administration, Nginx, VPS Deployment, Load Balancing, Reverse Proxy Configuration, Database Backup & Recovery, Git/GitHub/GitLab
- **Architecture & Product:** System Design, Product Planning, Requirement Analysis, Real-time Systems, Production Troubleshooting, Cross-functional Collaboration

Professional Experience

Senior Engineer | Android Applications

B-Trac Solutions Ltd | Dec 2021 – Present

- Led development of 3+ enterprise Android applications in Kotlin serving **10,000+ users**, with real-time data sync and offline-first functionality
- Collaborated on production pipeline setup — Docker Compose, Nginx reverse proxy, SSL configuration on Linux VPS
- Raised crash-free users from ~87% to 98%+ via Firebase Crashlytics monitoring and rapid hotfix deployment
- Introduced MVVM + Clean Architecture, cutting bug regression rate by ~40% and reducing developer onboarding time

Software Engineer

Infinity Infotech Ltd | Jun 2020 – Nov 2021

- Delivered **4+ Android applications** in Java and Flutter for clients in retail, logistics, and service industries
- Contributed to architecture planning and sprint estimation for 4 in-house products

Professional Experience (continued)

Android Developer

Multibrand Infotech Ltd | Feb 2020 – Jun 2020

- Built 2 ERP mobile modules replacing paper-based workflows for **200+ field staff**
- Maintained REST API integrations, resolving critical production issues within a 4-hour average SLA

Assistant System Engineer

Voicetel Ltd | Sep 2018 – Feb 2020

- Monitored daily network performance and resolved routing and interconnectivity issues
- Installed and maintained network monitoring, analysis, and reporting tools

Freelance Android Developer (Part-time / Contractual)

Jan 2017 – Dec 2019

- Independently **delivered 6+ Android apps** — full lifecycle from scoping to Play Store release
- Handled Linux VPS server deployment for 3 client projects with repeat engagements from all clients

Featured Projects

COPVPN — Secure VPN Application

Lead Android Developer · Kotlin · Jetpack Compose · VPN API · Performance Optimisation

- Secure VPN client with modern Jetpack Compose UI — **100,000+ Play Store downloads**
- Achieved sub-2-second connection time through protocol-level performance tuning

Zikraa — Islamic Content & Lifestyle App

Full-stack & DevOps Engineer · Flutter · Laravel · Next.js · Payload Headless CMS

- Took ownership of a 50,000+ download Islamic lifestyle app (Quran, Hadith, prayer schedule, Qibla compass, mosque finder) across the Flutter app, Laravel backend, and Next.js website
- Delivered new features, performance improvements, and bug fixes, and integrated bKash, Nagad, Grameenphone, and Google Pay for in-app subscriptions
- Set up Docker-based deployment, CI/CD pipelines, and automated database backups

Bibaaha.com — Matrimony & Matchmaking Platform

Full-stack & DevOps Engineer · Flutter · Laravel · Docker · Redis · VPS

- Took ownership of a 50,000+ download matrimony platform with verified profiles, smart matchmaking, and advanced search
- Delivered new features, fixed performance and speed issues, and resolved production bugs across the Flutter app and Laravel backend
- Managed Docker deployment on Linux VPS with Redis, load balancing, CI/CD pipelines, and automated database backups

Education

B.Sc. in Information & Communications Engineering

East West University | 2018

Higher Secondary Certificate

Govt. Azizul Haque College | 2011

Language Proficiency

Bengali: Native

English: Professional working proficiency