Abdullah Al Masud

Mobile App Developer — Android & Flutter

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PROFESSIONAL SUMMARY

Results-driven Mobile App Developer with 4+ years of experience specializing in native Android and cross-platform Flutter development. Proven expertise in building scalable, high-performance mobile applications using clean architecture principles. Strong background in Agile methodologies, delivering enterprise-level solutions for diverse industries including telecommunications, healthcare, and e-commerce.

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, Dart, Python, JavaScript, PHP, XML, HTML, CSS
Mobile Development: Android SDK, Flutter, Jetpack Compose, Material Design
Architecture & Patterns: Clean Architecture, MVVM, MVC, Bloc Pattern, Dependency Injection
Libraries & Frameworks: Hilt, Bloc, GetIt, RxJava, Retrofit, Room Database, Protocol Buffers, ARCore
Tools & Platforms: Android Studio, Visual Studio Code, Xcode, Git, Postman, Jira, Firebase
Databases: MySQL, SQLite, Firebase Realtime Database, Cloud Firestore
Backend: Laravel, RESTful APIs
Operating Systems: MacOS, Windows, Android, Ubuntu

PROFESSIONAL EXPERIENCE

Senior Software Engineer — 2021 – Present
NybSys Inc. — *Dhaka, Bangladesh*

- Architect and develop enterprise-grade Android and Flutter applications utilizing clean architecture and SOLID principles
- Lead cross-functional Agile teams in delivering large-scale mobile projects on schedule
- Implement modern development practices including Jetpack Compose, Hilt dependency injection, and reactive programming with RxJava
- Collaborate with product managers and designers to translate business requirements into technical specifications
- Conduct code reviews and mentor junior developers on best practices and design patterns
- Optimize application performance resulting in improved user experience and reduced crash rates

Mobile Application Engineer — 2020 – 2021
XOR Geek — *Dhaka, Bangladesh*

- Developed cross-platform mobile applications using Flutter and native Android frameworks
- Built and maintained RESTful APIs and admin panels using Laravel and PHP for mobile app backends
- Integrated third-party services including payment gateways, maps, and analytics platforms
- Collaborated with QA teams to ensure thorough testing and bug-free releases
- Participated in full software development lifecycle from requirement analysis to deployment

KEY PROJECTS

Sentra PTT | *Voice & Data Communication Platform*

- Developed a comprehensive push-to-talk communication application featuring AI-powered collaboration tools, real-time messaging, location sharing, and rich media capabilities for enhanced team coordination
- **Technologies:** Android, Java, Protocol Buffers, Retrofit, Room Database, WebSockets

DrinkWell | *Clean Water Management System*

- Created two Flutter-based mobile applications for managing water ATM operations and dealer-operator transactions
- **Pump Operator App:** User registration, NFC card management, balance recharging, daily report generation
- **Dealer App:** Fund transfers, transaction tracking, operator management, financial reporting
- **Technologies:** Flutter, Dart, REST API, NFC tag reader, SQLite

Hokkaido Golf Club App | *Members-Only Golf Club Management*

- Designed and developed an Android application for exclusive golf club member access and facility management

- **Technologies:** Android, Java, Retrofit, Material Design

One-Click Order | *E-Commerce Mobile Application & Backend*

- Built a complete e-commerce solution including Android/iOS apps and backend infrastructure with Laravel-based API and admin dashboard
- **Technologies:** Flutter, Dart, Laravel, Bootstrap, MySQL, REST API

Xtreme VPN | *Security & Privacy Application*

- Developed a secure VPN application for Android providing encrypted internet connectivity and online privacy protection
- **Technologies:** Java, Kotlin, REST API, OpenVPN protocol

Augmented Learn | *Educational AR Application*

- Created an innovative educational app using augmented reality to enhance preschool learning experiences
- **Technologies:** Java, ARCore, 3D modeling (Blender), Adobe Photoshop

EDUCATION

Dhaka International University   Dhaka, Bangladesh
Bachelor of Science in Computer Science & Engineering   *2015 – 2019*

ADDITIONAL INFORMATION

Languages: Bengali (Native), English (Professional Working Proficiency)
Interests: Mobile UI/UX design, emerging technologies, open-source contribution