

MD. TARIQUL ISLAM

Software Engineer | Flutter and Mobile App Developer

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PROFESSIONAL SUMMARY

Software Engineer with 3 years of hands-on experience building and shipping mobile and SaaS applications using Flutter and Dart. Delivered production apps across e-commerce, ride-sharing, food delivery, fitness, event management, and property preservation domains. Skilled in the full mobile app lifecycle, from feature development and client customization to release management on the Apple App Store and Google Play Store. Strong collaborator with cross-functional teams and stakeholders, focused on scalability, reliability, and timely delivery.

TECHNICAL SKILLS

- **Mobile Development:** Flutter, Dart, iOS and Android development, responsive UI
- **State Management:** BLoC, Provider, Riverpod, GetX
- **Backend and Cloud:** Firebase, Supabase, REST API integration, SaaS architecture, IoT integration (MQTT)
- **Local Storage and Databases:** sqflite (SQLite), Hive
- **Version Control:** Git, GitHub, GitLab
- **DevOps and Release Management:** CI/CD pipelines (Codemagic), Shorebird (over-the-air code push), Apple App Store and Google Play Store publishing, app updates, production deployment
- **Programming Languages:** Dart, Kotlin, Swift, C, C++, Java, Python
- **Integrations:** Google Maps, Firebase Cloud Messaging (FCM), push notifications, Pusher (real-time messaging), ZEGOCLOUD (real-time audio and video)
- **AI Tools:** Claude, ChatGPT
- **Practices:** SOLID principles, Agile Scrum, Test-Driven Development (TDD), AI-Driven Development Lifecycle (AIDLC), full software development lifecycle (SDLC), quality assurance, troubleshooting, client support

WORK EXPERIENCE

Software Engineer

Apex Data Management and IT Ltd. - Dhaka, Bangladesh | June 2025 - Present

- Developing PropSoft.ai, a SaaS application for the property preservation business, using GetX for state management and Pusher for real-time updates, focusing on scalability and reliability.
- Developing and maintaining EO Bangladesh, the organization's event management application, using Riverpod for state management.
- Managing application updates and releases, including publishing to the Apple App Store and Google Play Store.
- Collaborating with stakeholders and technical teams to implement new features and improvements.
- Working across SaaS architecture, mobile app lifecycle management, and production deployment.

Flutter Developer

Enny-Thing Ltd. - Remote | December 2024 - May 2025

- Developed Enny Sports, a gym companion mobile application, using Flutter with GetX for state management.
- Integrated ZEGOCLOUD for real-time audio and video communication features.
- Implemented Google Maps for location-based services and Firebase Cloud Messaging (FCM) for push notifications.

Junior Software Engineer

6amTech - Dhaka, Bangladesh | November 2023 - November 2024

- Developed and maintained flagship products used by clients worldwide: 6amMart (multi-vendor e-commerce and delivery platform), Drivemond (ride-sharing app), and eFood (food ordering and delivery app).
- Implemented features based on client requirements and business needs.
- Provided client support for software customization plans, including troubleshooting and feature adjustments.
- Collaborated with cross-functional teams to ensure timely delivery and quality assurance.
- Handled full-cycle software development, client communication, and production issue resolution.

Flutter Developer

Get-Aid Ltd. - Dhaka, Bangladesh | July 2023 - November 2023

- Developed YOUR Campus, an IoT-enabled mobile application, using Flutter with BLoC for state management and an MQTT broker for IoT device connectivity.
- Built and maintained an Employee Attendance App with a focus on usability and performance.
- Collaborated closely with the tech team to design, implement, and improve application features.
- Contributed to team-based workflows and mobile app deployment.

EDUCATION

Bachelor of Science in Computer Science and Engineering

Green University of Bangladesh - Dhaka, Bangladesh | 2019 - 2022

- CGPA: 3.58 / 4.00
- Recipient of 5 academic merit awards (Dean's Award, 4 times Vice Chancellor's Award).

OPEN SOURCE

- Riverpod Wrapper - IntelliJ Platform plugin (Kotlin) that adds intention actions to wrap Flutter widgets in Consumer and HookConsumer, and convert between ConsumerWidget and ConsumerStatefulWidget. Updated the plugin for compatibility with the latest Android Studio releases and added a CI/CD pipeline. <https://github.com/EHTarek/riverpod-wrapper>

TRAINING AND CERTIFICATIONS

- Flutter BLoC State Management and Firebase From Scratch - Udemy
- Learn Flutter GetX Course - Udemy
- Mobile Application Development - Flutter - BASIS SEIP
- Android App Development - Bongo Academy
- Flutter DevCamp - Riverpod

PUBLICATIONS

- Leveraging Deep Q-Learning to Maximize Consumer Quality of Experience in Smart Grid - Energy (Elsevier), Vol. 290, 2024. DOI: <https://doi.org/10.1016/j.energy.2023.130165>

LANGUAGES

- Bengali - Native
- English - Professional Working Proficiency