

# Md Touhidul Islam

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Senior Mobile Engineer with 8+ years experience in Android, iOS, Flutter & KMP

## EXPERIENCE

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- **Tahir Browser** Remote  
*Lead Mobile Engineer* *August 2023 - Present*
  - Performed Requirement Analysis and defined Roadmap for mobile browser with offline AI capabilities and built in adult content blocker.
  - Ensured maximum code sharing between Android and iOS using Kotlin Multi-platform
  - Developed Android and iOS apps from scratch and released on respective stores.
  - **Languages and Technologies:** TensorFlow, KMP, Android, iOS, Sqlite
- **Toptal** Remote  
*Mobile Engineer* *August 2021 - July 2023*
  - Architected & Developed mobile apps designed for Restaurants, Ecommerce, Fitness and Mental health industry from scratch.
  - Developed complex UIs involving Analytics & Graphical data on different metrics from huge dataset.
  - Refactored legacy codebases to Cleaner Architecture.
  - Updated CI/CD pipeline, performed code review, bug reporting and application release.
  - **Languages and Technologies:** Kotlin, MVVM, KOIN, Android, Flutter, Gradle, Github Actions
- **Enosis Solutions** Dhaka, Bangladesh  
*Senior Software Engineer* *Feb 2020 - Jun 2021*
  - Analyzed requirement, Communicated with clients and eventually created a Project Plan.
  - Led a team of 5 person on a HR management software as a lead developer and performed code review.
  - R&D on new/challenging technologies like KMP, Ionic, React Native, Xamarin and learned those in a tight time-frame.
  - **Language and Technologies:** Java, Kotlin, Android, Swift, iOS, C#, Xamarin

## SKILLS

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- **Language:** Kotlin, Java, Swift, Dart, JS, PHP, SQL
- **Framework:** Android, iOS, Flutter, React, Laravel
- Strong knowledge in Algorithms and Data Structures.
- **Mobile - Native (Android & iOS) and Cross Platform (Flutter)**
  - 8 years of Professional Mobile application development experience.
  - Expert at Custom View, Navigation, Background Service, Notification, Database, Networking etc.
  - Good understanding of design patterns and principles like SOLID, MVVM, Repository, Dependency Injection etc.
  - Professional experience with Native Android, iOS & Flutter development using Kotlin/Swift/Dart.
  - Experienced in writing declarative UIs and Reactive patterns in Compose, SwiftUI, React and Flutter.
  - Ability to write Clean and Maintainable code.

## PROJECTS

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- **Muslim Prayer time**
  - Designed and developed the application from scratch having 1M+ downloads & 12k+ reviews.
  - Initially written in Kotlin/Android, later migrated to Flutter for iOS & desktop support.
  - Notifies users of important event via Alarms and Notification.
  - Uses Location service for precise time calculation based on latitude and longitude.
  - Utilizes device's Compass for prayer direction.

- **biniyog.io**
  - Created blueprint for implementation of Halal Fintech investment application available for both Android & iOS.
  - Used Flutter to share both UI and business logic seamlessly and published on both stores.
- **Klasio LMS**
  - Developed a unique multi-vendor LMS app in Flutter having rich support for Audio, DRM protected Video, Pdf, Quiz, Exam etc from scratch and published on both stores.
- **Hypnonap**
  - Architected a Mental health application from scratch, developed Backend, Admin panel and Mobile apps single handedly.
  - Released both Android and iOS apps to respective stores and setup In App Purchases.

## EDUCATION

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- **Shahjalal University of Science and Technology** Sylhet, Bangladesh  
*B.Sc. in Computer Science and Engineering* *CGPA: 3.56/4.0*
  - **Course work:** Data structure, Algorithm, Operating System, Database System, Computer Networking, Compiler Construction, Security

## ACHIEVEMENTS

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- 2nd on University admission exam among 50 thousand candidates. 2012
- 1st runner up in Regional Math Olympiad. 2009