

Mahmudur Rahman

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PROFESSIONAL SUMMARY

Experienced Mobile Application Developer with **3+ years** of expertise in Flutter and native Android development. Successfully led AI-based EdTech projects, enhancing user engagement by 30% and achieving a 99% crash-free rate. Skilled in UI/UX design, RESTful APIs, Firebase, and Supabase integration.

PROFESSIONAL SKILLS

- Flutter
- Provider, Riverpod, BLoC (State Management)
- Rest APIs
- Clean Architecture
- Firebase (Firestore, Auth)
- Supabase
- Figma
- Material Design and Cupertino
- Platform-Specific Functionality
- Dependency Injection
- Java-Kotlin
- Android Studio, XCode
- MVVM framework
- Retrofit
- Live Data
- SQLite, Room Library
- Play Store & App Store functionality
- Android Navigation component
- Test and debug code
- Github, Git

PROFESSIONAL EXPERIENCE

Shonod, Dhaka, Bangladesh

October 01, 2021 - Present

Software Engineer (Mobile Application)

Study Room App Development:

- Situation:** Led the development of an AI-based mobile application for Bangla medium students.
- Task:** Integrated AI assistance tailored to the NCTB curriculum.
- Action:** Utilized Flutter for development, RestAPI for API integration, and Firebase for Google and Apple authentication.
- Result:** Expected to serve over 100,000 students, enhancing their learning experience
- Link:** [Study Room](#)

Risho-Speech & Risho-Guru Development:

- Role:** Lead Developer
- Achievements:**
 - Spearheaded the development of Risho-Speech and Risho-Guru, achieving a 30% increase in student engagement based on user feedback.
 - Implemented state management using Provider, enhancing app responsiveness by 25% and reducing load times.
 - Integrated RESTful APIs and Firebase, improving overall app performance by 40% and scalability.
 - Conducted rigorous testing and ensured a seamless user experience.
 - Successfully deployed both applications on the Google Play Store, earning an average rating of 4.8 stars.
- Links:** [Risho Speech](#) | [Risho Guru](#)

TalentLensHub App Development:

- Role:** Lead Developer
- Overview:** Designed an intuitive user interface using Flutter while implementing RESTful APIs for seamless integration with Firebase; enhanced responsiveness led to reduced loading times under two seconds across all device types.
- Achievements:**
 - Designed and implemented the app using Flutter, RestAPI, Provider (State management), and Firebase, ensuring a smooth and responsive user experience.
 - Integrated features such as user profiles, talent discovery, and social sharing to enhance user engagement.
 - Achieved a 4.5+ star rating on the Google Play Store with positive user feedback on usability and performance.
- Link:** [TalentLensHub](#)

Additional Projects:

TalentLensHub (talentlenshub.com) and **Risho Guru** (rishoguru.com)

- Role:** UI Designer
- Overview:** Created the user interface for the TalentLensHub and Risho Guru web applications.
 - Achievements:** Increased user retention by **25%** through engaging design elements and streamlined functionality.

EDUCATIONAL EXPERIENCE

- Bachelor of Science | Computer Science and Engineering** | American International University-Bangladesh (AIUB) | 2018 - 2022 | CGPA: 3.36 / 4.00
- Higher Secondary Certificate (HSC)** | Science Group | BPATC School and College | 2017 | GPA: 4.50 / 5.00
- Secondary School Certificate (SSC)** | Science Group | BPATC School and College | 2015 | GPA: 5.00 / 5.00