

Kawser Miah

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GitHub — LinkedIn

PROFILE

Results-driven Mobile Application Developer specializing in Flutter, with hands-on experience building scalable, production-ready applications using Clean Architecture and modern state management. Skilled in optimizing app performance, implementing robust database solutions, and delivering user-centric mobile experiences. Active technical writer passionate about building meaningful products and solving complex problems.

EDUCATION

Green University of Bangladesh
B.Sc. in Computer Science and Engineering

Sept 2022 – Present
CGPA: 3.74/4.00

Adhyapak Abdul Majid College
Higher Secondary Certificate

June 2019 – Dec 2021
GPA: 4.58/5.00

WORK EXPERIENCE

Flutter App Developer
eBooster: English Learning App (Offered by Coseries)

June 2024 – Present

- Developed gamification and quiz features for vocabulary and grammar learning, enhancing user engagement.
- Redesigned grammar page UI/UX, improving user experience and navigation flow.
- Implemented vocabulary tracking system with database migration for seamless data management.
- Added page progress tracking feature to enable structured, step-by-step learning paths.
- Optimized SharedPreferences usage and resolved critical performance bottlenecks.
- Architected scalable state management using Flutter Bloc pattern for predictable state handling.
- Integrated SQLite (Floor package) for efficient local data persistence and offline support.
- Applied Clean Architecture principles ensuring maintainable, testable, and scalable codebase.

CLIENT PROJECT

Flutter App Developer
NamidVault: Secure Document Vault App

- Designed and developed secure Flutter application for personal document management and storage.
- Enabled PDF upload functionality with metadata tagging for organized document retrieval.
- Implemented expiry tracking system with automated push notifications for timely renewals.
- Created Emergency Access feature for urgent document retrieval in critical situations.
- Integrated Firebase Authentication for secure user access and Firestore for cloud data synchronization.
- Debugged and refactored legacy codebase, improving app stability and performance.
- Implemented Clean Architecture ensuring long-term maintainability and scalability.

FEATURED PROJECTS

DeenHub App – Group Project	Jan 2025 – Mar 2025
<i>All-in-one Islamic Mobile Application</i>	

All-in-one Islamic mobile application featuring 35,000+ Hadith collection, accurate prayer times, daily duas, Tasbih counter, and comprehensive Islamic resources.

- Developed core features including Hadith collection browser, interactive Tasbih counter, and location-based prayer time calculator.
- Architected application following Clean Architecture with clear separation of domain, data, and presentation layers.
- Implemented Flutter Bloc for predictable and scalable state management across features.
- Utilized GetIt for dependency injection, ensuring loose coupling and testability.
- Integrated SQLite (Floor package) for offline-first data storage and fast query performance.

Flutter News App – Personal Project	Jan 2024 – Mar 2024
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- Built real-time news aggregation app consuming REST API with dynamic content updates.
- Integrated Firebase Authentication enabling secure user registration and login workflows.
- Implemented offline-first architecture with SQLite caching for seamless user experience without connectivity.
- Applied Flutter Bloc pattern for predictable state management and improved code maintainability.
- Structured codebase using Clean Architecture with well-defined domain, data, and presentation layers.
- Designed responsive UI with dark mode support and adaptive layouts for various screen sizes.

TECHNICAL SKILLS

Languages: Dart, C, Java, Python

Frameworks & Libraries: Flutter, Firebase (Auth, Firestore), Ktor

State Management: Flutter Bloc

Databases: SQLite (Floor), MySQL, Firestore

Architecture: Clean Architecture

Tools & Platforms: Git, GitHub, VS Code, Android Studio, Postman

Other: REST API Integration, Dependency Injection (GetIt), SharedPreferences, Push Notifications

CERTIFICATIONS

Dart and Flutter: The Complete Developer's Guide	July 2023 – Sept 2023
Dart & Flutter - Zero to Mastery + Clean Architecture	Sept 2023 – Nov 2023

ACHIEVEMENTS

Vice Chancellor's Merit Award – Spring 2024
<i>Green University of Bangladesh</i>

- Recognized for outstanding academic performance and placed in the Vice Chancellor's List of Meritorious Students.
- Awarded for excellence in B.Sc. Computer Science & Engineering program (Student ID: 223002063).

HackTheAI 2025 – Inter-University Hackathon
<i>Powered by SmythOS — Organized by Department of CSE, Green University of Bangladesh</i>

- Ranked 14th out of 242 university teams in the competitive online preliminary round.
- Selected among top 50 teams to advance to the 8-hour onsite final round.
- Collaborated with team "Not-a-Bug But-a-Feature" to develop AI-driven solution under mentorship from SmythOS experts.
- Event Date: September 25, 2025

EXTRACURRICULAR ACTIVITIES

- Active technical writer sharing Flutter tutorials and best practices on personal blog.
- Treasurer at GUCC Virtual Gaming Society, responsible for managing funds, coordinating budgets, and supporting competitive gaming events.