

Kawser Miah

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GitHub — LinkedIn

PROFILE

Results-driven Mobile Application Developer specializing in Flutter with proven 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 and community contributor 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 <i>All-in-one Islamic Mobile Application</i>	Jan 2025 – Mar 2025
All-in-one Islamic mobile application featuring 35,000+ Hadith collection, accurate prayer times, daily duas, Tasbih counter, and comprehensive Islamic resources.	
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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, Figma

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

Green University of Bangladesh

- 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

Powered by SmythOS — Organized by Department of CSE, Green University of Bangladesh

- 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.