S M MOSHADDAQUE HOSHAIN

Flutter Developer | Mobile & Desktop Application Engineer

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PROFESSIONAL SUMMARY

Flutter Developer and Software Engineer with 3 years of professional software development experience and 2.5+ years of hands-on Flutter development experience. Specializes in production-ready mobile and desktop applications, application architecture, REST API integration, authentication, Firebase, real-time communication, local data persistence, payment integration, maps/location services, push notifications, testing, and cross-platform development. Experienced with MVVM, MVC, and MVP patterns and state management using Riverpod, Provider, and GetX. Comfortable taking features from architecture and UI implementation through integration, testing, debugging, optimization, and production deployment.

CORE TECHNICAL SKILLS

Mobile & Desktop	Flutter, Dart, Cross-platform Mobile Development, Flutter Desktop, Responsive UI, Platform Channels
Architecture & State	MVVM, MVC, MVP, Riverpod, Provider, GetX, Modular Application Design
API & Backend	REST APIs, HTTP, Dio, Authentication, JSON, WebSocket / Real-time Communication, Payment Integration
Firebase	Cloud Firestore, Push Notifications
Local Data	SharedPreferences, SQLite / sqflite, Hive
Testing & Quality	Widget Testing, Integration Testing, Debugging, Performance Optimization
Tools & Process	Git, GitHub, GitLab, Agile / Scrum, Google Play Deployment
Additional	Generative AI, AI Agents, AI Workflows, Cybersecurity

PROFESSIONAL EXPERIENCE

Application Programmer | Fellow Technology

December 2024 – Present

- Develop and maintain production-ready Flutter mobile and desktop applications.
- Design and implement application architecture based on product and technical requirements.
- Build responsive, maintainable user interfaces using Flutter and Dart.
- Integrate REST APIs and backend services using HTTP and Dio.
- Implement authentication, real-time communication, notifications, and application-level services.
- Work with SharedPreferences, SQLite/sqflite, and Hive for local persistence.
- Implement features using Riverpod, Provider, and GetX where appropriate.
- Use Flutter Platform Channels for platform-specific functionality.
- Perform debugging, testing, issue resolution, and application optimization.
- Collaborate in an Agile/Scrum development environment and support production deployment.

Flutter Application Instructor | ICT Bangladesh

1.5 Years

- Taught practical Flutter application development with a focus on software engineering fundamentals.
- Guided students in application architecture, project organization, UI implementation, and API integration.
- Trained learners in REST API integration, authentication, debugging, and structured problem solving.
- Provided technical guidance on maintainable Flutter code and real-world application development workflows.

SELECTED PROJECTS

Chat Now AI Helper | AI Chat Application

Role: Lead Developer Technology: Flutter / Dart

Designed and developed a Flutter-based AI chat application, implementing the core application structure and conversational experience.

github.com/moshaddaque/Chat_Now_ai_helper

ICT Bangladesh LMS | Learning Management System

Role: Lead Developer & Application Developer Technology: Flutter / Dart

Led application development and technical implementation for an educational LMS, including application structure and API-connected functionality.

FocusFlow Edu | Student Productivity & Focus Application

Role: Lead Developer Technology: Flutter / Dart

Designed and developed a student-focused Flutter application centered on focus, productivity, and study workflows.

github.com/moshaddaque/flutter-focusflow

SnapBill | Personal Expense & Receipt Management
Role: Lead Developer & Application Developer Technology: Flutter / Dart

Built a Flutter application for personal expense and receipt management, including core workflows, UI, and maintainable application structure.

github.com/moshaddaque/flutter-snapbill

animated_bubble_background | Flutter Package
Role: Package Developer Technology: Flutter / Dart

Developed and published a reusable animated bubble background package for Flutter applications.

pub.dev/packages/animated_bubble_background

EDUCATION

Bachelor of Science in Computer Science & Engineering
Dhaka International University

PROFESSIONAL STRENGTHS

- Application architecture and structured project development
- Production-ready Flutter implementation
- API-driven and cross-platform application development
- Technical problem solving, debugging, and testing
- Reusable component and Flutter package development
- Independent remote work and Agile/Scrum collaboration

ADDITIONAL AREAS OF INTEREST

Generative AI • AI Agents • AI Workflow Automation • Cybersecurity

LANGUAGES

English: Intermediate Bengali: Native