

MUHAMMAD SAJEDUL ISLAM

Software Engineer | Product Manager

Sylhet, Bangladesh | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Email](#) | [Phone](#)

ABOUT ME

I'm a mobile app developer with 2+ years of hands-on experience building and shipping production-ready apps using Flutter and Native Android. I've developed 50+ apps and published 20+ on the Google Play Store and Apple App Store, and worked with clients across the UK, US, Singapore, and Bangladesh. I focus on writing reliable code, crafting smooth user experiences, and delivering features that create real business value.

EXPERIENCE

Software Engineer

Jun 2024 – Feb 2026

[Code Studio](#)

Remote

- Leading development of enterprise-level mobile applications with focus on e-commerce platforms, financial management solutions, and healthcare applications. Progressed from Junior Software Engineer to Software Engineer, designing and implementing scalable architectures using Flutter and Clean Architecture patterns.
- Designed and developed **CareXpert**, an e-commerce platform with post feeds, service booking, and service provider apps, using Flutter and Clean Architecture
- Developed and maintained **Amar Khata**, a Flutter app for draft calculations and financial management
- Contributed new features to **Treatment Diary** — a medical student LMS and prescription app — improving functionality and user experience
- Integrated offline mode to allow full app functionality without internet connectivity
- Developed and designed **Grameen School LMS** app (1K+ downloads) using Flutter, GetX and integrated SSLCommerz payment gateway
- Built **Deshi** — a location-based e-commerce app for buying/selling, from design to deployment with scalable architecture
- Contributed features to **StartWish App** — users can find celebrities by category, view bios and schedules, book appointments, create favorite lists, and manage profiles with full app support
- Added features to **Service Caller App** — a service booking and chat platform supporting multiple service types

Junior Product Manager

Dec 2024 – Jun 2025

[LiiLab](#)

Onsite

- Managed product development lifecycle for multiple mobile applications, contributing to apps with 100K+ global users. Led cross-functional teams and performed market research to drive product optimization and user engagement.
- **OneIELTS App** – Designed product features and guided Flutter development, contributing to growth to ~100K global users
- **AI Intro Video Maker App** – Supervised development, guided feature innovation, and improved usability, achieving 10K+ downloads
- **Employee Management App** – Planned system workflows, feature scope, and UI structure
- **Vocab AI Flashcard App** – Defined AI-powered learning flows and personalization logic
- Performed market research, competitor analysis, and product optimization
- Collaborated with design and engineering teams on UI/UX and iterative releases

Co-Founder & CTO

Oct 2023 – Jul 2025

[Heapiphy](#)

Hybrid

- Managed all technical operations including mobile app development, website development, payment integration, and SEO optimization. Built multiple production-ready applications with real users.
- **Waqf App (Native Android)** – Built an ad-free prayer app with Salah tracking, Qibla, Dua, Quran, multilingual support, and smart notifications (1200+ downloads)
- **NewsSip App (Flutter)** – Developed short-form news app with breaking news notifications and automated updates
- **UKGreenLineTravel Web App** – Built WordPress-based booking system with PayPal payment integration
- Handled full technical ownership including app publishing, bug fixes, and SEO improvements

AI Trainer

Jun 2024 – Oct 2024

Outlier

Remote

- Worked on improving AI conversational quality for Bengali language tasks through prompt optimization and data validation.
- Applied prompt engineering techniques to improve AI response quality
- Enhanced Bengali conversational accuracy and cultural relevance
- Validated and refined AI-generated outputs for correctness and clarity
- Contributed to data quality and evaluation workflows

Flutter Developer

Feb 2024 – May 2024

Elort

Remote

- Developed Flutter applications with real-time features and machine-learning-based audio processing while following agile development practices.
- Implemented **RNNoise-based noise reduction** for real-time audio processing in Flutter
- Built QR & barcode scanner app with Firebase notifications and cloud sync
- Used Jira for task tracking and participated in agile team workflows
- Applied clean architecture and Flutter best practices in production apps

Android Developer

Aug 2023 – May 2024

AlgoStackBD

Remote

- Developed Android and Flutter applications including IPTV and booking systems, and managed Google Play publishing workflows.
- Integrated subscriptions and Chromecast support into a Java-based IPTV app
- Developed room booking app using Kotlin with smooth reservation flows
- Built **SpellX**, a voice-based vocabulary spelling checker app
- Managed Google Play Console publishing, updates, and compliance

PROJECTS

Sheba.AI | Flutter, Riverpod, Django REST, Gemini Pro 2.5, JWT, SQLite

[GitHub](#)

- AI-powered healthcare app for prescription safety and medicine accessibility in Bangladesh.
- Implemented handwritten prescription analysis using **Gemini Pro 2.5 Vision-Language Model**.
- Integrated **21K+ medicines** with pricing, dosage, and generic alternatives.
- Built ordering, cart, tracking, and secure JWT-based REST API integration.
- Applied **Clean Architecture**, Riverpod, and SQLite for offline-first support.

Welcome Mate | Flutter, Riverpod, Django REST, Google Generative AI, JWT, SQLite [GitHub](#)

- Developed a comprehensive onboarding platform to fast-track community integration with features like real-time chat, task checklists, and community forums.
- Architected a modular backend using **Django REST Framework** and secure JWT-based authentication for scalable data management.
- Built a highly responsive mobile application using **Flutter** following strict **Clean Architecture** principles and Riverpod for robust state management.
- Integrated **Google Generative AI** APIs to power intelligent features, dynamic guide generation, and smart notifications throughout the app.

Waqf | Kotlin, WorkManager, Coroutines, Retrofit, GPS

[Play Store](#)

- Ad-free Islamic prayer app with Salah tracking, Qibla, Quran, Dua, and smart reminders.
- Reached 1200+ downloads with a 4.5 rating on Google Play Store.

TECHNICAL SKILLS

Mobile: Flutter, Android **Languages:** Dart, Kotlin, Java, Python, C/C++ **Database:** MySQL, SQLite, Firebase, Supabase, MongoDB **Tools:** Git, GitHub, GitLab, Jira, ClickUp **OS:** macOS, Windows, Linux

EDUCATION

Leading University

B.Sc. in Computer Science & Engineering

Sylhet, Bangladesh

Jan 2022 – Apr 2026