ADIB ASHRAF

Software Engineer | Mobile & Web Development

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building production mobile and web applications using Flutter, SwiftUI, and modern JavaScript frameworks. Creator of **Fleuron**, a local-first iOS reader for language learners, live on the App Store. Built iOS apps serving **5,000+ monthly active users** with **80,000+ user-generated reviews**. Proven track record of delivering full-stack solutions for US-based clients while working remotely across time zones. Completed **200+ freelance projects** with a **5-star average rating**. JLPT N2 certified in Japanese with strong cross-cultural communication skills.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Dart, Python, Swift, SQL
Mobile	SwiftUI, TextKit 2, GRDB, Flutter, Riverpod, Provider, Firebase, Supabase
Web	Next.js, Nuxt.js, React, Vue, TailwindCSS, Node.js
Backend & CMS	Firebase, Firestore, Supabase, PostgreSQL, Strapi CMS
APIs & Services	REST APIs, Stripe Connect, Spotify API, Google Calendar API, AdMob
Tools	Git, GitHub Actions, CI/CD, Figma, Notion, Slack, Jira
Testing	Unit Testing, Integration Testing

PROFESSIONAL EXPERIENCE

Creator & iOS Developer — Fleuron *(Independent · App Store)* 2026 – Present

A local-first e-reader for learning languages through books — help when you need it, a real reading experience when you don't. Available on iPhone, iPad and iPhone Duo.

- Designed, built and shipped the app solo in **SwiftUI** and **TextKit 2**, with a **GRDB** (SQLite) store and no telemetry
- Built Lens, adjustable inline readings and meanings for Japanese, Chinese, Korean and English; language analysis (**Natural Language**) runs when a book is imported, so page turns stay instant
- Built Compass, a spoiler-safe index of a book's people, places and terms, limited to what the reader has reached
- Connected reading to study: saved words feed built-in spaced-repetition review, alongside a Markdown notebook, insights and Japanese vertical text

Software Engineer — Quality Feeds Ltd. *(Dhaka, Bangladesh)* May 2026 – Present

Developing and maintaining ERP systems and system architecture for business operations.

- Designing and implementing scalable **systems architecture** for enterprise applications
- Developing and maintaining **ERP** modules to streamline business workflows

Software Engineer (Contract) — **Wavform LLC** *(Remote, USA)* 2024 – Present

Wavform is a social music platform that allows users to rate, review, and discover music. The app integrates with Spotify to provide personalized listening analytics and social features for music enthusiasts.

- Built a full-featured iOS music rating app using **Flutter** and **Firebase/Firestore**, achieving **5,000+ monthly active users** with **80,000+ ratings and reviews**
- Implemented social features including user profiles, follow system, comments, activity feeds, and push notifications
- Integrated **Spotify API** for music data, playback controls, and listening history analytics dashboards
- Collaborated with UI/UX designers via **Figma** to deliver pixel-perfect, user-focused interfaces
- Managed app releases and CI/CD pipelines using **GitHub Actions**

Software Engineer (Contract) — **ADVR LLC** *(Remote, USA)* 2024 – Present

ADVR is a two-sided marketplace platform connecting advertisers with physical ad space owners. Similar to Airbnb for advertising, it enables property owners to monetize their spaces while giving businesses access to diverse outdoor advertising locations.

- Developed a two-sided marketplace iOS app for booking physical advertising spaces using **Flutter** and **Supabase**
- Implemented **Stripe Connect** integration for secure payment processing between buyers and sellers
- Built real-time messaging system, push notifications, and map-based space discovery features
- Designed moderation workflows and admin controls for platform integrity

Web Developer (Contract) — **LUCCC** *(Remote)* Aug 2025 – Apr 2026

The LDC Universities Consortium on Climate Change (LUCCC) is a South-South capacity-building platform comprising 10 universities from Least Developed Countries. Endorsed by the LDC Ministerial in 2018, it facilitates knowledge sharing on climate change through education, research, and training.

- Built and deployed the official website for an international climate change university consortium using **Nuxt.js**, **TailwindCSS**, and **Strapi CMS**
- Designed CMS content models, user permissions, and backend configuration for non-technical administrators
- Managed hosting, deployment, and production infrastructure for a reliable public-facing platform

Freelance Translator — **Japanese ↔ English** *(Remote)* 2017 – 2023

Provided professional Japanese-English translation services on Fiverr, handling diverse content including technical documentation, business correspondence, manga/anime subtitles, and marketing materials for international clients.

- Completed **200+ translation projects** on Fiverr with a **5-star average rating**
- Self-funded university education through freelance work while maintaining strong academic performance
- Developed cross-cultural communication skills working with international clients across multiple time zones

PROJECTS

Dayforge *Flutter, Firebase, Google Calendar API*

- Built an all-in-one productivity app for managing tasks, projects, habits, and calendar events
- Implemented real-time collaboration, push notifications, and analytics using Firebase
- Integrated Google Calendar API for unified scheduling across platforms

EDUCATION

BRAC University — BSc in Computer Science 2018 – 2022

- Thesis: Optimization strategies in deep reinforcement learning (PyTorch)

LANGUAGES & CERTIFICATIONS

Japanese: JLPT N2 Certified **English:** Professional Proficiency **Bengali:** Native