

WORK EXPERIENCE

Flutter Developer, Nymph Solutions

Aug 2025 - Current

- Developed and maintained **AI-powered apps**, integrating external AI APIs to enable features like data extraction, image processing, and other intelligent functionalities to improve user engagement.
- Integrated in-app purchases**, including both subscriptions and consumable products, enabling monetization through gated premium features and credit-based systems.
- Automated release lifecycle with **CI/CD pipelines** and ensured app performance and reliability through continuous testing and debugging.

Flutter Developer & Team Lead, AidFast

Dec 2024 - July 2025

- Engineered a **scalable Flutter application** using **Clean Architecture** to structure the data, domain, and presentation layers, ensuring maintainable and testable code.
- Designed and implemented dynamic features like **live location tracking**, **Google Maps integration**, and **FCM notifications**. Also optimized UI/UX for smoother user journeys.
- Collaborated with product and backend teams to define technical requirements and deliver complex healthcare service features from concept to deployment.

EDUCATION

Comilla University

Cumilla, Bangladesh

Bachelor of Science (Eng.) in *Computer Science and Engineering* | CGPA: 3.62/4.00 | Jan 2020 - Dec 2024

PROJECTS

Aidfast - BD Health Providers [Play Store Link]

Tools: **Flutter (BLoC)**, **Rest API**

Built a secure, scalable Flutter app with **REST API (dio)** integration, custom appointment scheduling and management logic, background notifications, and pagination for efficient data handling.

Live Audio and Video Streaming App [Apk Link]

Tools: **Flutter(BLoC)**, **WebSocket**

Developed a feature-rich Flutter app with **live audio/video streaming** and **real-time chat** using **WebSocket (Socket.IO)**, with a robust state management solution using BLoC pattern and dependency injection to handle real-time streaming states and seamless user interactions.

Women Safety App with Live Location Sharing

Tools: **Flutter(MVVM)**, **Django**

Developed a mobile application for enhancing women's safety by sharing live location with trusted contacts. Integrated location-sharing functionality and implemented real-time notifications.

Financial E-wallet App

Tools: **Flutter**, **Firebase**

Developed a secure digital wallet system enabling seamless user onboarding, money transfers, transaction history tracking, and real-time balance updates.

RESEARCH

Video-Based Multi-class Face Anti-Spoofing

Tools: **Python**, **ML**, **Deep Learning**

Research focuses on A Comprehensive Evaluation of Pretrained CNN Backbones for Video-Based Face Anti-Spoofing with Domain Adaptation and Explainable AI for Robust Spoof Detection

ACIEVEMENTS & SKILLS

- Solved 800+ coding problems** across online judges. — **Codeforces Pupil**, Max Rating: 1369
- App Development:** Published **4 mobile apps** on Google Play Store
- Tech Stack:** Flutter, Dart, Python, C/C++, Django REST, SQLite, MySQL
- Tools:** Git & GitHub, Firebase, Android Studio, VS Code, CI/CD
- Architecture:** BLoC, MVVM, Riverpod, GetX
- Soft Skills:** Team Leadership, Analytical Thinking, Agile Development