

NAFIS HASRAT ARNOB

Senior Software Engineer | Flutter & Mobile

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years in mobile development and deep Flutter specialization, currently leading Flutter engineering at ACI Limited — driving technical decisions, work distribution, and code reviews across a 15-member cross-functional team while working directly with business stakeholders. Shipped 5 production apps end-to-end to the Play Store and App Store, including YSpark (150,000+ downloads, 4.7★) and a nationwide invoicing platform processing ~50,000 invoices/day and ~BDT 90 crore in monthly sales. Author of two published pub.dev packages; building on Clean Architecture toward a Lead Flutter Engineer role.

CORE SKILLS

Languages: Dart, Java, Python

Framework & Architecture: Flutter, Clean Architecture, MVC

State Management: GetX, BLoC, Provider

Backend & Data: REST APIs, Firebase (Auth, Realtime Database, Push Notifications), MS SQL, SQLite, Shared Preferences

Mobile: Google Maps, Geolocation/Geocoding, OTP Authentication, Camera & Image Processing, Offline Caching, Play Store & App Store Release Management

AI/ML on Mobile: TensorFlow Lite, Google ML Kit (Face Detection), FaceNet/MobileFaceNet

Tools: Git, GitHub

PROFESSIONAL EXPERIENCE

ACI Limited | Senior Software Engineer

Jul 2024 – Present

- Lead Flutter development for a 15-member cross-functional team (Flutter, front-end, back-end, database, UI/UX) — owning technical decisions, distributing work, reviewing code, and resolving production issues.
- Communicate directly with business stakeholders on requirements, priorities, and delivery across multiple ACI business units.
- Led development of **YSpark** (ACI Motors / Yamaha) — service booking, dealer/service-center maps, push notifications, OTP auth, and offline caching in Flutter + GetX; **150,000+ downloads** across Play Store & App Store with a **4.7★ rating (430+ App Store reviews)**.
- Built the **Invoicing & Delivery Management** app for ACI Branded Commodities with role-based access and real-time sales tracking — **~1,870 users nationwide, ~50,000 invoices/day, ~BDT 90 crore in monthly sales**.
- Own end-to-end store releases (signing, review submission, rollout) for 5 production applications.

ACI Limited | Software Engineer

Feb 2022 – Jun 2024

- Developed **Vision BC**, a secondary-sales app for ACI Branded Commodities used by **~2,000 field sales officers** — invoice generation, delivery, target tracking, attendance, and reporting (Flutter, GetX, Firebase, Google Maps, Syncfusion Charts).
- Built an AI-powered **Crop Pest Detection** app using image recognition/deep learning to identify diseases across multiple crops from a single photo and deliver treatment recommendations to farmers.
- Developed a Task Management app for the ACI Pharma factory — task assignment, real-time progress tracking, image-based status updates, and kiosk mode connecting floor workers with management.

Regnum Resource Limited | Flutter Developer

Sep 2021 – Jan 2022

- Built a Toll Collection Tracking & Reporting app (Flutter, Provider) with real-time analytics dashboards covering 6 toll plazas.
- Developed a KPI-tracking app (Provider, Firebase Auth + Database) used by management to monitor 30 employees across IT, Finance, and HR.

Career transition — self-directed Flutter specialization

Jun 2020 – Aug 2021

Bashundhara Group IT | Intern

May 2019 – May 2020

- Built a native Android (Java) e-commerce app for Bashundhara Cement — product catalog, cart, and order management.
- Supported HR Today, an HRMS serving ~50,000 employees (attendance, payroll, leave, rostering).

OPEN SOURCE — PUBLISHED FLUTTER PACKAGES (PUB.DEV)

- Face Recognition Engine** (pub.dev/packages/face_recognition_engine) — real-time face recognition & liveness detection: multi-person enrollment, anti-spoofing, TensorFlow Lite face embeddings (FaceNet/MobileFaceNet), Google ML Kit.
- Hint Kit** (pub.dev/packages/hint_kit) — customizable hint overlays and contextual onboarding guidance; OverlayPortal, CustomPainter, ThemeExtension.

SELECTED PROJECTS

- Hausly — Property Management & Booking** ([App Store](#)) — property browsing, bookings, advanced filters, geolocation, and local persistence (Flutter, GetX, Syncfusion Calendar).
- Ramadan Essentials** ([Play Store](#)) — Sehri/Iftar tracker, Namaz times, Qibla compass, Tasbih, and Adhan (Flutter, GetX, Firebase notifications, Compass).

EDUCATION

B.Sc. in Computer Science and Engineering — BRAC University, Dhaka