

NAFIS HASRAT ARNOB

Senior Software Engineer



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WORK EXPERIENCE

ACI Limited

February, 2022 - Present

Senior Software Engineer

- I lead app development, collaborate with teams, conduct code reviews, mentor juniors, troubleshoot issues, and apply the latest Flutter technologies to enhance performance and user experience.
- Spearheaded the development of the Yamaha Riders Club app for ACI Motors, showcasing proficiency in mobile application development.
- Successfully designed and implemented an Invoicing and Delivery Management application for ACI Branded Commodities, Electrical, and Foods, demonstrating strong software development skills.
- Developed digital connectivity solutions and designed the semen collection and target management apps for ACI Animal Genetics. These apps enable field officers to efficiently collect and record semen data, while providing top management with real-time progress tracking and insights.
- Developed a task scheduler and management app for ACI Pharma Factory, allowing users to assign tasks to workers with specified date, time, and work details. The app also enables workers to track and update the progress and status of their assigned tasks in real-time.
- Engineered a Market Visit and Audit application for ACI Salt, highlighting expertise in creating tailored solutions to address specific business needs.

Regnum Resource Limited

September, 2021 – January, 2022

Flutter Developer

- Created a sophisticated toll collection tracking and reporting application from concept to implementation, demonstrating expertise in software development and data analytics.
- Successfully crafted a Key Performance Indicator (KPI) application for employee performance tracking, underscoring my proficiency in app development and performance measurement.

Data Tech

April, 2021 – August, 2021

Flutter Developer

- Created a data tech company profile app that enhances advertising efforts for companies, showcasing my expertise in app development and data-driven marketing solutions.

Bashundhara Group IT

May, 2019 – May, 2020

Intern

- Designed and developed an e-commerce app for Bashundhara Cement, highlighting my proficiency in Android app development.
- Acquired expertise in SAP ABAP programming, including the creation of ALV reports, data retrieval from databases, and the development and maintenance of smart forms.

PROGRAMMING LANGUAGES

- Dart
- Java
- Python
- SAP Abap

APP DEVELOPMENT

- Flutter
- Java

STATE MANAGEMENT

- GetX
- Provider

TECHNICAL SKILLS

- Database (Firebase, MS SQL, SQLite)
- Backend development (Django)
- API development (Django REST Framework)
- Version Control (GitHub)
- Image Processing (OpenCV)
- Basic microcontroller programming (Arduino)

PERSONAL SKILLS

- Problem Solving
- Critical Thinking
- Client Communication
- Teamwork
- Time Management

EDUCATION

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

Higher Secondary Certificate
Govt. Ananda Mohan College, Mymensingh

Secondary School Certificate
Mymensingh Zilla School, Mymensingh

PROJECTS

Vision Foods (https://play.google.com/store/apps/details?id=com.aci.vision_foods)

Designed and developed a comprehensive secondary sales application for ACI Foods, streamlining field operations for sales officers. The application enables field officers to visit retail outlets, generate invoices, and manage product deliveries efficiently. A key feature of the app is its ability to provide real-time sales data and insights to senior management, facilitating data-driven decision-making. Additionally, the system includes robust functionalities such as target vs. achievement tracking, attendance and leave management, customer relationship management, and detailed sales summary reporting, enhancing overall operational efficiency and business performance.

Technology: Flutter, GetX, http, Geolocator, Image picker, Firebase, Google map, Flutter floor, Syncfusion flutter charts

Yamaha Rider Club (<https://apps.apple.com/us/app/yrcl-bd/id1566288778>)

Developed the Yamaha Riders Club (YRC) app, incorporating key features such as a newsfeed, comprehensive bike specifications, a parts catalog with pricing, promotional content, ride tracking, user profiles, weather updates, and a retailer locator. My specific contributions included the development of the bike list and details, parts catalog, ride tracking, and user profile functionalities. Technology: Flutter, GetX, Geocoding, OTP, Flutter background service, Image picker, Image cropper, http

Crop Pest Detection (<https://apps.eacibd.com/application/124>)

Developed an AI-powered crop pest detection app using Flutter, enabling users to identify crop diseases and pests through image analysis. Integrated a recommendation system to provide effective solutions for pest control, helping farmers protect their crops and improve yield. Technology: Flutter, GetX, http, Image picker, Shimmer effect, Youtube player

Todaystech Quit Smoking (<https://play.google.com/store/apps/details?id=us.todaystech.nosmoking>)

Developed a smoking cessation app using Flutter, enabling users to track their progress, set goals, and share their quitting journey with others. Designed an intuitive user interface and implemented local storage to save progress and milestones, providing a supportive and engaging experience for users.

Technology: Flutter, GetX, Firebase notification, http, FI charts, Google sign in

Ramadan Essentials (https://play.google.com/store/apps/details?id=com.fzrtechnology.ramadan_essentials)

Developed the sehri and iftar tracker, namaz waqt time, Qibla compass, and digital Tasbeeh for the "Ramadan Essentials" app, which also includes prayer schedules, Adhan, Namaz rules, and a dua collection.

Technology: Flutter, GetX, Firebase notification, http, Audioplayer, Flutter countdown timer, Adhan, Compass

MyPOS (https://github.com/arnb13/my_pos)

"MyPOS" is my passion project, designed for small shops and restaurants to create and print invoices via a POS printer, with features for adding and updating products.

Technology: Flutter, GetX, POS printing, Flutter floor