Md Asfakur Rahat

Software Engineer II

TECHNICAL SKILLS

Flutter Development (8 /10)

Dart (8 /10)

Git/GitHub (8 /10)

firebase (8 /10)

Android Development (8 /10)

Kotlin (8 /10)

Jetpack Compose (8 /10)
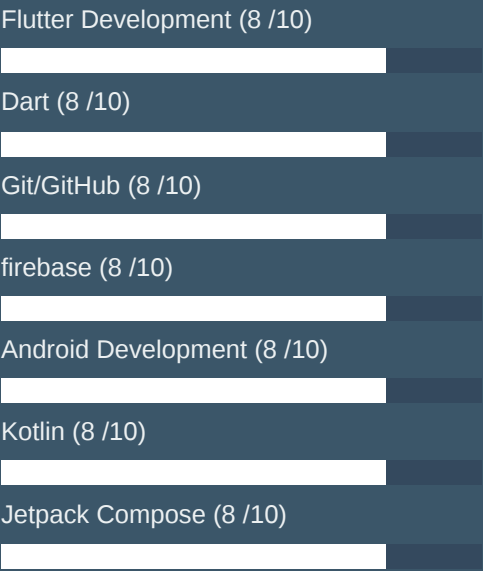
EDUCATION

B.Sc
Bangladesh University of Business and Technology
Group: CSE
Passing Year: 2023

ENGLISH SKILL

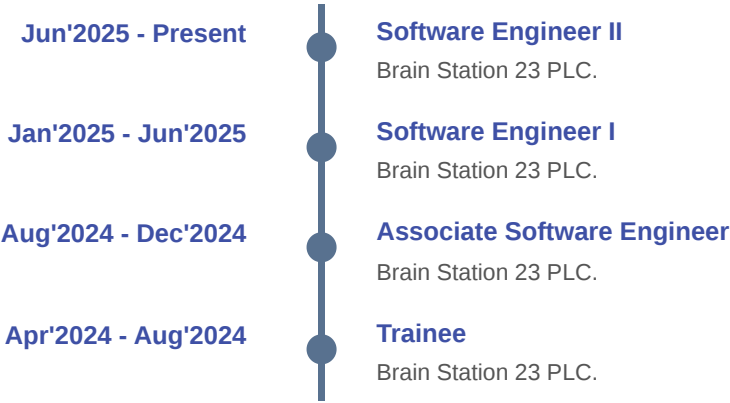Speaking ★ ★ ★ ★ ☆

Writing ★ ★ ★ ★ ★

Listening ★ ★ ★ ☆ ☆

Reading ★ ★ ★ ★ ☆

BIOGRAPHY

I am a Software Engineer II with 1.5 years of dedicated experience in mobile application development, specializing in Flutter and Android. I excel in building scalable, high-performance applications with clean architecture and intuitive UI/UX. Committed to continuous learning and emerging technologies, I consistently deliver impactful and innovative solutions.

EXPERIENCE

Jun'2025 - Present
Software Engineer II
Brain Station 23 PLC.

Jan'2025 - Jun'2025
Software Engineer I
Brain Station 23 PLC.

Aug'2024 - Dec'2024
Associate Software Engineer
Brain Station 23 PLC.

Apr'2024 - Aug'2024
Trainee
Brain Station 23 PLC.

PROJECTS

1. My Race Super App

Technology Used: Flutter,Firebase,Cubit,Dio,Clean Architecture,Freezed,Retrofit,Get_It,build_runner,fvm,dart,PaymentGateway

Technical Responsibility:

As a Software Engineer II, I actively contributed to agile sprint ceremonies, including daily stand-ups, sprint planning, and retrospective meetings, ensuring alignment with project objectives. I consistently delivered high-quality sprint goals on schedule, meeting project deadlines and stakeholder expectations. My responsibilities included designing, developing, and thoroughly testing multiple new features, significantly enhancing system functionality and user experience. I played a key role in maintaining and evolving a clean, scalable, and maintainable software architecture, adhering to best practices and design principles. Furthermore, I expertly managed Git branches, including feature branching, merging, and conflict resolution, to ensure robust version control and seamless team collaboration.

Project Duration: Jun'2025 - Present

Short Description:

Developed MyRace, a comprehensive superapp that revolutionizes the digital experience for ISP subscribers. This platform empowers users to seamlessly manage subscription plans and services, efficiently resolve service-related issues, access exclusive benefits, and simplify payment processing. The project successfully navigated complex technical challenges, including the integration of disparate backend ISP systems (billing, CRM, network management) to ensure real-time data synchronization and secure transaction processing. We engineered a highly scalable and resilient architecture capable of supporting a large volume of concurrent users and diverse service requests while maintaining optimal performance and data integrity. MyRace delivers significant business value by substantially reducing operational costs through increased self-service, enhancing customer satisfaction and retention, and accelerating payment cycles. This transformation of the customer interaction model positions the ISP for sustained growth and a strong competitive advantage in the evolving digital services market.

Training

Prompt Engineering Foundations: Start Talking to Ai Efficiently | Gen AI E1: Fundamentals - Unlocking the Future

2. Guardian Life

Technology Used: Flutter, Firebase, Dio, Bloc, Dart, Clean Architecture.

Technical Responsibility:

Engineered and implemented critical new features for cross-platform mobile applications using Flutter. Managed the end-to-end release process for both Google Play Store and Apple App Store. Actively contributed to sprint planning sessions, collaborating with product owners to define user stories, estimate tasks, and prioritize deliverables, ensuring efficient project execution and timely feature delivery. Participated in regular team meetings, providing technical insights and resolving blockers to foster a cohesive development environment.

Project Duration: Nov'2024 - Jun'2025

Short Description:

Developed Guardian Life, a comprehensive digital platform that consolidates all life insurance solutions. This robust system actively manages policies, tracks claims, accurately calculates premiums, and securely processes payments, while also providing seamless access to exclusive healthcare benefits. The project successfully navigated complex technical challenges, integrating multiple backend systems to deliver real-time data synchronization and a unified user experience. This platform significantly enhances operational efficiency and customer convenience, reducing manual administrative burdens and enabling 24/7 self-service. Guardian Life drives improved customer satisfaction and retention, delivering substantial business value through streamlined operations and a superior, simplified insurance journey.

Link: https://github.com/BrainStation-23/GLI_mobile_app

3. RealEstateX

Technology Used: Jetpack Compose, Kotlin, Supabase, Ktor, Dagger Hilt, MVVM.

Technical Responsibility:

Led the development and implementation of dynamic, responsive user interfaces using **Jetpack Compose**, architecting intuitive navigation flows with **Compose Navigation** to deliver a seamless user experience. Concurrently, designed, developed, and deployed serverless **Supabase Edge Functions** to power critical backend logic, significantly enhancing data processing efficiency and overall application performance.

Project Duration: Jul'2024 - Oct'2024

Short Description:

Developed a high-performance Android application engineered to deliver comprehensive, real-time investment portfolio tracking and advanced analytics. This solution seamlessly integrated with multiple financial APIs to aggregate diverse asset data, including stocks, cryptocurrencies, and mutual funds, into a unified, intuitive interface. We successfully addressed critical technical challenges such as ensuring robust data security, optimizing real-time synchronization for volatile markets, and implementing complex algorithms for dynamic portfolio valuation, performance metrics, and profit/loss calculations. The application empowers users to make more informed financial decisions, significantly reduces the time spent on manual tracking, and enhances overall investment management efficiency and accuracy.

Link: http://172.16.231.10:3000/BS23/real-estate-x-android

4. POC based on ABG pocket

Technology Used: Kotlin, XML, MVVM

Technical Responsibility:

Led the design and iteration of user interface (UI) components and interactive prototypes using Figma, ensuring alignment with user experience (UX) best practices. Managed codebase integrity and collaborative development workflows through Git version control, facilitating seamless feature integration. Implemented and strictly adhered to Clean Architecture principles, consistently delivering a modular, scalable, and maintainable application structure. Demonstrated strong ownership by executing assigned development tasks on schedule, directly contributing to project milestones under mentorship.

Project Duration: Jun'2024 - Jul'2024

Short Description:

Proof on Concept Android project based on ABG pocket. In this project I tried to do some tasks such as Permissions handling, Accessing Device contacts, Nested recycler view, Bottom Sheet Dialog, Custom UI component etc.

Link: https://github.com/asfakur-rahat/UI-Practice

5. Task Tracker

Technology Used: XML, Kotlin, Room, Dagger Hilt, Retrofit.

Technical Responsibility:

Designed and implemented intuitive, user-centric interfaces, directly contributing to an enhanced user experience and streamlined user flows. Developed and integrated robust RESTful APIs to seamlessly display dynamic data within the UI, ensuring real-time information access and responsiveness. Architected and rigorously maintained the MVVM (Model-View-ViewModel) pattern throughout the project lifecycle, establishing a scalable, testable, and highly maintainable codebase. Managed and enforced version control best practices using Git, facilitating efficient team collaboration and ensuring codebase integrity across all development stages.

Project Duration: Jun'2024 - Jun'2024

Short Description:

An Android application to track of your task. Developed following clean architecture, material design. Has functionality such as add new task, edit existing task, delete task, search task using title or description, in app image capture from camera and use in task etc.

Link: https://github.com/asfakur-rahat/Task-Tracker

6. NopStation Cart

Technology Used: Kotlin, XML, Jetpack Compose, Retrofit, Room Database, Dagger Hilt, MVVM.

Technical Responsibility:

Designed and implemented intuitive, responsive user interfaces for key application features, enhancing overall user experience and accessibility. Developed and integrated robust RESTful API data flows into the UI, ensuring efficient, real-time data presentation and seamless user interaction. Architected and rigorously enforced the MVVM architectural pattern across the project, significantly improving code modularity, testability, and maintainability. Managed and optimized Git-based version control, including branching strategies and pull request reviews, to facilitate collaborative development and maintain high code quality standards.

Project Duration: Apr'2024 - May'2024

Short Description:

Developed NopStation Cart Android App with e-commerce feature built with modern responsive components, fetching data using Rest API and Stored Data for offline Support. Also implemented key features including Image Carousel, Category list, Category wise product List, Product details, Shopping Cart using XML. Also implemented Checkout using Jetpack Compose. Lastly integrated user authentication and ensure app performance by using modern architecture.

Link: https://github.com/asfakur-rahat/NopStation-Cart

ACHIEVEMENTS

Runners Up at BUIPC Summer 2019 Junior Division

Aug 2025

Runners Up at BUIPC Fall 2020 Junior Division

Aug 2025

Reached 1300+ Rating at Codeforces

Jun 2020

Hit my personal best in my problem solving journey.

31st at NSU Cybernauts 2019 National Programming Contest

Jan 2020

This is a nation wide programming contest.