

MD SADAKAT HUSSAIN FAHAD

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Experience

SOFTWARE ENGINEER(I) KOLPOLOK LIMITED

MAY 2022 – PRESENT

- Publish and maintain app binaries, target the latest Android API, ensure Play Store compliance.
- Collaborated with international clients, gathered requirements, developed, refactor, update apps.
- Mentored junior developers: guided, reviewed code & paired for complex projects.
- **Developed VPN SDK** supporting multiple protocols, deployed to private maven server.
- Streamlined video steaming app: **size reduced** from 54MB to 6MB in 2 weeks.
- Built Chrome extension for secure web browsing (VPN proxy).
- **Integrated payment methods** (Subscriptions) e.g., Google Pay In app purchases, Stripe, SSLCommerz.
- Refactored deprecated parts of code, optimized Gradle setup, **modularized code**, updated libraries, managed opensource integrations.

Technology: Room, HILT, multi-module, Android TV, Payments, CMAKE, ExoPlayer, ProGuard, AIDL.

JUNIOR SOFTWARE ENGINEER AJKERDEAL LIMITED

JULY 2021 – APRIL 2022

- Translated logistics, E-commerce requirements into Android apps, designing UIs, integrating APIs, building with clean code & MVVM.
- Debugged applications to address conflicting bugs, ensure smooth performance.
- Streamlined backend collaboration & API integration for projects.
- Worked on **third party SDK integration**.

Technology: Rest-API, Services, Broadcast Receiver, MVVM, KOIN, Firebase, Workmanager, Retrofit.

INDUSTIAL ATTACHMENT & INTERN LAB AR

FEBRUARY 2020 – MARCH 2020

- Developed a third person based open world game which simulated underwater environments.
- Hands on experience on Unity3D. Learned about Level designing, colliders, shaders.

Technology: Unity3d

INDUSTIAL ATTACHMENT & INTERN I2 TECHNOLOGIES

AUGUST 2019– SEPTEMBER 2020

- Learned database & API management (3-tier architecture) through hands-on admin panel experience.

Education

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

2017-2021

BANGLADESH ARMY UNIVERSITY OF ENGINEERING AND
TECHNOLOGY.

CGPA: **3.41** out of **4.00**

Courses: Discrete Math, Data Structures, Algorithms, Database System, System Design, Machine Learning, Artificial Intelligence & expert System, Computer Graphics, Image Processing, Networking.

HIGHER AND SECONDARY SCHOOL CERTIFICATE

SSC-14, HSC-16

BIAM MODEL SCHOOL AND COLLEGE, BOGURA.

GPA: **5.00** out of **5.00**

Skills

- Languages: Java, Kotlin, C++.
- Android dev: strong SDK & NDK familiarity.
- Experience with VPN Protocols such as OpenVPN, Wireguard, V2Ray, Singbox.
- Able to guide juniors through solving problems.
- Can work both independently and in teams.
- Can proficiently communicate with international clients.

Interests and Accomplishments

- **ACM ICPC Dhaka Regional contestant 2020**, with the rank of 108.
- BAUET Intra University Programming contest 2020, **2nd runners up**.
- Actively engaged in various problem online judge platforms with more than **200 problems** solved.
- Completed 2 specializations at Coursera on Deep Learning and TensorFlow. 10+ courses on Machine Learning, Recommender Systems, DSP, DevOps.

Training

SKILL DEVELOPMENT FOR MOBILE GAMES AND APPLICATION.
ICT DIVISION

3 Months