



Nazmul Islam

Software Engineer

Passionate software engineer with 3.5+ years of working experience in iOS development using swift, love to participate in programming contests, an enthusiastic team player

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WORK EXPERIENCE

TIGER IT | Software Engineer (iOS)

Jun 2020 – Present | Dhaka, Bangladesh

- Developed the chat module for the *CommChat iOS App* that uses MQTT to transmit messages and signal protocol to establish the end-to-end encrypted messaging session.
- Used URLSession to develop the networking service layer that facilitates communication with backend REST APIs, uploading/downloading files in the background.
- Developed backup/restore capability using iCloud Container and Spotlight Metadata Query APIs to back up user's files and messages and restore them on demand.
- Used CouchbaseLiteSwift to develop the persistence storage for messages.
- Developed Screen-Share capability using Broadcast Extension to capture user's iPhone screen and publish it during a call.
- Improved product quality by reviewing code, writing unit tests, and collaborating with QA.

SHARE TRIP | Software Engineer (iOS)

Jun 2019 - Jun 2020 | Dhaka, Bangladesh

- Developed flight and hotel features for *ShareTrip iOS App* by consuming backend REST APIs using Alamofire that helps customers to search, browse details, and book flights and hotels.
- Worked closely with product designers to tweak the UI design to achieve a rich iOS user experience.
- Integrated third-party APIs such as Firebase to attain analytics and crash reporting.
- Mentored junior developers to implement new product features by reviewing codes and taking knowledge-sharing sessions.

SAMSUNG R&D INSTITUTE | Software Engineer (iOS)

Feb 2018 - Apr 2019 | Dhaka, Bangladesh

- Developed composable UI components using UIKit AutoLayout for various modules of the *Samsung SmartThings App*.

BRAIN STATION 23 | Junior Software Engineer (.Net)

Apr 2017 - Feb 2018 | Dhaka, Bangladesh

- Developed REST APIs using .Net framework and Microsoft SQL Server for internal mobile apps.

EDUCATION

Chittagong University of Engineering & Technology

Apr 2017 | Chittagong, Bangladesh

Bachelor of Science in Computer Science & Engineering

Cumulative GPA: 3.57 / 4.0

SKILLS

Proficient:

- Swift • Foundation • UIKit • CoreData
- CouchbaseLiteSwift • CocoaLumberjack
- XCTest • Cocoapods • Carthage • Git • Firebase
- TestFlight

Exposed To:

- CallKit • Python • C/C++ • JavaScript • C#
- MySQL • SQL Server • HTML • CSS • VSCode
- Jira

ACHIEVEMENTS

- 2021 Secured **Runner up** position among more than **50** participants in **Grameenphone Digital Ninja Hackathon**.
- 2018 Achieved **Professional Level** in **Samsung Software Competency Test** based on problem-solving capability.
- 2015 Secured **2nd** position among more than **30** teams with team **CUET_Black_Flags** in **International Islamic University Programming Contest (IIUPC)**.
- 2014 Ranked **27th** among more than **150** teams with team **CUET_Black_Flags** in **Bangladesh University Programming Contest(QAAIPC)**.

SPORTS PROGRAMMING

- Became **Expert (Rating: 1628)** in **Codeforces**
- Achieved **Gold Badge (65%)** in problem-solving in **HackerRank**
- Solved **300+** problems in **UVA Online Judge**
- Solved **80+** problems in **LightOJ**

PUBLICATIONS

- [1] N. Islam, M. M. Hoque, and M. R. Hossain. Automatic authorship detection from bengali text using stylometric approach. In *2017 20th International Conference of Computer and Information Technology (ICCIT)*, pages 1–6, Dec 2017.