

MD ASIF SERAJE, CSM

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Dhaka, Bangladesh.



PRINCIPAL iOS APP DEVELOPER, 7 YEARS + EXPERIENCE

Extensive experience spanning **over 7 years** in **Swift, Objective C, SwiftUI, UIKit**. Holds **Bachelor's** and **Master's** degrees in **Computer Science and Engineering**. Currently working as a **Principal iOS Engineer**, collaborating with **clients from diverse backgrounds**. Successfully **published 20+ apps on the AppStore**, with more in the pipeline. Enjoys traveling, music and staying updated on tech trends when not developing apps.

EXPERIENCE

Principal iOS Engineer, Mobile App Team, ADES

BRAC Bank Limited

Apr 2022 – Present

Dhaka, Bangladesh

- Planned, implemented and deployed **country's first paperless Digital Lending App: BBL Shubidha**.
- Improved** and **automated loan processing system** through internal apps **BBL Obichol** and **MCPV** which minimized loan processing time to half.
- Delivery management of country's high performing banking app: **BBL Astha**.
- MVVM, REST API handling, Combine, Realm, SwiftData, Firebase** etc.
- Complex User Interface implementation using **Autolayout** and **SwiftUI**.
- Fixed major bugs** and issues to ensure **smooth operation** of the applications.

Senior iOS Engineer, iOS Team

BJIT Group

Dec 2021 – March 2022

Dhaka, Bangladesh

- Implemented ECG and EKG measurement feature syncing with physical BP, EKG machines for **OMRON Connect iOS** App
- BLE, iBeacon, MVC, Charts, Firebase push notification** and **remote config, CoreData, Storyboard** etc.
- Troubleshoot and **fixed bugs** and issues to ensure **seam-less operation** for huge customer base of the apps.

Senior Software Engineer, iOS Team, Mobile Apps and IoT Team

Brotecs Technologies Limited

Oct 2016 – Nov 2021

Dhaka, Bangladesh

- Assisted and lead** 4 iOS developers for implementing and optimizing different modules of VOIP and network apps both for **Objective C** and **Swift**.
- Built SDK** for VOIP apps: **XMPP** and **OMEMO** for Message module, fully customized **Contacts** module
- Built **iAX2** wrapper and **library**, optimized **SIP** wrapper and **library**
- CallKit, SRTP, ZRTP, SQL, YapDatabase, AVAudioSession, Location services, IAP** etc.
- Complex UI implementation for **VOIP** and network apps using **Autolayout** and **Storyboard**.
- Git, SourceTree, JIRA, MS AppCenter** etc.

EDUCATION

Jahangirnagar University

Master of Science in Computer Science and Engineering

Dhaka, Bangladesh

Passing year: 2019

American International University - Bangladesh

Bachelor of Science in Computer Science

Dhaka, Bangladesh

Passing year: 2016

PROJECTS

OMRON Connect

An app to manage your heart health.

Omron

- BLE, iBeacon, Charts, CoreData, Storyboard** etc.
- Continuous bug fixing and feature implementation and deployment in AppStore

BBL Shubidha

Avail of retail loan products digitally and seamlessly.

BRAC Bank Limited

- Planned** and **developed**, from scratch, country's first paperless retail loan disbursement for eligible customers.

- **realm**, REST API handling, **ObjectMapper**, complex UI etc.

Phoring

A Second Phone Line Service.

Brotecs

- Designed and developed a virtual phone service provider that provides you worldwide phone number to add a second phone line to your smartphone.
- **CoreData**, REST API Handling, **IAP**, **SIP**, **iAX2** and **XMPP** protocol
- Continuous bug fixing and feature implementation and **deployment in AppStore**

GoDirect Voice

Stay connected while in-flight.

Honeywell

- **Secure call and messaging**, **ZRTP** Integration
- **SIP**, **iAX2**, complete **UI re-design**

SD Cabin

Simplifies the in-flight connectivity experience.

Satcom Direct

- **Speedtest**, **Ping**, **Traceroute**, **LAN Scan**, **Device troubleshooting**, **Sending reports** etc.
- **OAuth**, **iperf**, Complex UI design for iPhones and iPads

AeroV

Enables any smartphone to be an extension of the aircraft phone system.

Satcom Direct

- **SRTP**, **TLS** integration
- **Rewrite ObjC modules into Swift** with legacy logic and optimization, **SIP**, **iAX2**, complete **UI re-design**

SaveUp

A lifestyle platform where you can browse for amazing deals.

SaveUp

- E-commerce platform **built from scratch**, REST API handling, **realm**

Piickme

Ride sharing App.

Piickme

- Ride sharing app **built from scratch**, REST API handling, **realm**
- **Google Map integration**, **navigation**, firebase push notification etc.

CERTIFICATIONS

- **Certified ScrumMaster**
- **Secure Programming for iOS v2 - Synopsis Inc.**
- **Banking Foundation Course - BIBM and BRAC Bank**
- **Information Security in Banking - BRAC Bank**

REFERENCES

Dr. Md. Ezharul Islam

Associate Professor, Department of CSE, JU

Saleh Ahmad

AVP, Barclays Corporate and Investment Bank

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