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Summary

iOS Developer with 5 years of experience building high-performance apps for VOIP, satellite communication, business aviation and e-commerce platform. Expert in Swift, Objective-C, and SwiftUI, with deep knowledge of MVC, MVVM, and Clean Architecture. Delivered high-quality, SOLID applications, integrating SIP, RESTful APIs, and SSL Pinning. Skilled in security, Git and App Store deployment, I excel in Agile teams, leveraging a “can-do attitude”, enthusiastic about new technologies and user-focused solutions.

Skills

- **Languages:** Swift, Objective-C, SwiftUI, C++, Python, JavaScript (React Native)
- **iOS Frameworks:** UIKit, SwiftUI, Core Data, MapKit, Core ML, ARKit
- **Architectures:** MVC, MVVM, Clean Architecture
- **Tools:** Xcode, Git, Jenkins, Fastlane, Firebase, Wireshark, Postman etc.
- **Protocols & Security:** SIP, SRTP, TLS, IAX, XMPP, SSL Pinning, Audio Codecs
- **APIs:** RESTful API, GraphQL, WebSocket
- **Distribution:** App Store, TestFlight, AdHoc
- **Project Management:** Agile, Scrum, Jira, Redmine, Trello, Wrike

Professional Experience

Software Engineer II (iOS)

Brotecs Technologies Ltd

Dhaka, Bangladesh

March 2022 – Present

- Developed VOIP iOS apps using Swift and Objective-C, integrating SIP, SRTP, and TLS.
- Enhanced security with SSL Pinning, Coverity, and Black Duck, reducing vulnerabilities by 40%.
- Optimized VOIP SDK with C bridging, improving satellite communication performance.
- Led Agile sprints via Jira, Redmine to delivering features 20% ahead of schedule.
- Deployed apps to App Store and TestFlight, ensuring Apple Guidelines compliance.

Software Engineer (iOS)

Softzino Technologies

Dhaka, Bangladesh

September 2020 – February 2022

- Built e-commerce iOS apps using Swift, SwiftUI and MVVM, integrating Firebase and RESTful APIs, supporting lot of users.
- Mentored 2 junior developers on SwiftUI and Clean Architecture, boosting team efficiency.
- Collaborate on an iOS app made for Apple’s core team.

iOS Developer (Remote)

Drivill New York Ltd.

New York, USA

March 2020 – September 2020

- Developed a location-based app with Swift, Socket.io, and MapKit, enabling offline data storage.
- Optimized REST API calls, worked with datasources.
- Used bitbucket for seamless remote team collaboration.

Education

B.Sc. in Computer Science and Engineering

City University, Bangladesh

Dhaka, Bangladesh

December 2015 – December 2019

- CGPA: 3.52/4.00
- Thesis: Depression Analysis of final year Undergraduate students Using Machine Learning techniques

Certifications

- Certified Advanced iOS application Developer, ICT Division. (BS23,Inflack,Dream71 & Prime Tech)
- Agile Project Management (APM), Training Facility UK.
- Google UX Design Certificate: Foundations of UX Design.

Key Projects

- **VOIP App (Brotecs Technologies)**: Built Swift app with SIP and SSL Pinning, achieving a lot of aviation users.
- **Security App (Brotecs Technologies)**: Built Security and monitoring applications for MacOS and iOS with SwiftUI and C.
- **E-Commerce App (Softzino)**: Developed Swift app with Firebase, Rest API, One signal and made 20% faster load times.
- **B-art App (Softzino)**: Developed SwiftUI backstage art app with Apple SDK for core Apple inc.
- **Location App (Drivill)**: Created Swift ride sharing app with MapKit, Google Map and Socket.io for real-time tracking.

Awards

- Employee of the Year, Softzino Technologies (2021)
- Organizer award Nasa Space Apps Challenge 2019
- Campus Convenor - Basis student forum (2019)