

Md. Arafat Hossain

Application Developer



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Dhaka, Bangladesh

Summary

Mobile and desktop application developer.
Love to develop bug free applications.
Adapt swiftly to the new technology.
Designed and developed multiple B2B and B2C desktop and mobile applications.

Skills

Objective-C

Java

Swift

iOS

Android

C/C++

Git

macOS

Desktop App

Jira

Agile(Scrum)

Eclipse Plugin

Application Lifecycle

Interests

GAMING

- Adventure
- Cricket
- Battle Royale
- Arcade
- Puzzle

LEETCODE

- Problem Solved: 128 (Hard: 5, Medium: 43)

HACKERRANK

- Problem Solving and Java: Gold Level

PHOTOGRAPHY

- Landscape photographer

Experience

Samsung R&D Institute Bangladesh

June 2013 - Present

CHIEF ENGINEER

Samsung DeX for PC

- USB & Wireless connectivity between Mac/PC to Android
- File Transfer using HTTP protocol between PC and Android Device
- Android screen rendering in PC app with RTSP protocol
- PC Keyboard and Mouse sharing to Android
- Clipboard sharing from PC to Android and vice-versa
- Part lead of macOS application - build (macOS app notarization), release, market VoCs
- Collaborate closely with stakeholders including the Product Manager and VPs to understand the functional and non-functional requirements of new features.

UI Automator Tool

- Developed Eclipse plugin tool to generate automated testcase
- Developed solution (similar to Appium) to test iOS applications
- Integrated Tizen/Android UI Automator to Eclipse plugin tool

IoTivity

- Developing APIs in compliance with OCF for IoTivity project
- Build System Integration with Scons, CMake for IoTivity project
- Open source contribution for Android & Linux test application
- Develop Spring Framework based web services

Remote Access System

- Developed desktop app (C# .NET) to control device remotely
- Build system automation of that desktop app

Key Achievements

- DeX for PC app with 7M+ downloads and 757K+ active users monthly
- Samsung Mobile R&D CTO Award, 2019 for significant business contribution
- SRBD Best Team Award, 2019
- Technical Lead of DeX for PC app from Jan, 2021
- Released B2B solution for Tizen/Android/iOS UI Automator which is being used internally by Samsung

RTC Hubs Limited

Sep 2012 - Jun 2013

JR. PROGRAMMER

- Developed multiple camera apps which also provide live camera effect and timer
- Developed reminder apps for iOS (iPhone/iPad)
- Integrated 3rd party open source library (GPUImage)

Key Achievements

- Developed 8 apps, which was live on iTunes that time

Education

BACHELOR OF SCIENCE IN CSE

Feb 2008 - Sep 2012

Rajshahi University of Engineering & Technology

