



Md Arafat Hossain

Application Developer

Creating bug free application is my hobby. Mobile and desktop apps developer for more than 9 years. Adapt swiftly to the new technology.

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WORK EXPERIENCE

Chief Engineer

Samsung R&D Institute Bangladesh

06/2013 - Present

Dhaka, Bangladesh

Achievements

- Samsung Mobile R&D CTO Award (Team) for DeX for PC
- SRBD Best Team of the Year 2019
- Lead Developer of Samsung DeX for macOS

Jr. Programmer

RTC Hubs Limited

09/2012 - 06/2013

Dhaka, Bangladesh

Responsibility

- iOS (iPhone/iPad) Software Development
- Camera Application Development

Contact : Mamun Ar Rashid - +8801710441906

INTERESTS

LeetCode

Problem Solved: 100+

HackerRank

Problem Solving and Java: Gold Level

Critical Thinker

Thinking about problems and it possible solution

Photography

Landscape photographer

SKILLS

Objective-C

Java

Swift

iOS

macOS

Android

Git

Agile (Scrum)

Jira

PROJECTS

Samsung DeX for PC (03/2019 - Present)

- One of the Samsung's commercialization project which released with flagship mobile Samsung Galaxy Note 10
- USB & Wireless connectivity between Mac/PC to Android
- File Transfer (Drag & Drop, Copy-Paste) 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 vise-versa

IoTivity (10/2014 - 02/2019)

- Open source contribution Android Test App
- Soft Sensor Manager & Things Manager module owner of IoTivityQA
- Eclipse plugin for automated testcase generation
- Integrated Android UI Automator
- Developed UI Automator for Tizen
- VNCViewer integration to generate automated testcase

Remote Access System (RAS) (12/2013 - 10/2014)

- Developed desktop app (C# .NET) to control device remotely
- UI integration for desktop app

Multi Shot Cam (iOS/iPad) (01/2013 - 03/2013)

- Take multiple image from camera with selected timer
- Most downloaded apps on AppStore for more than 2 weeks
- Sharing image to social media (Facebook or Twitter) platform

Live Camera Effects (iOS/iPad) (04/2013 - 05/2013)

- GPUImage library integration to show live effect of camera feed

EDUCATION

Computer Science and Engineering

Rajshahi University of Engineering & Technology

02/2008 - 09/2012

Rajshahi, Bangladesh

LANGUAGES

English

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency