

# Muhammad Waqas Bhati

(Software Engineer – iOS | Swift | Objective-C | Android)

([LinkedIn](#) | [Github](#) | [Stackoverflow](#) | [Medium](#))

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## Professional Summary

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- Experience in Analysis, Architecture, Design, Development, Testing and deployment of iOS apps from 5 years.
- Experience in developing application on iOS using Swift 3.3/4.0/4.2
- Excellent awareness of Software development life Cycle.
- Have in-depth knowledge of design patterns like MVC, MVVM, VIPER
- Familiarity with Continuous Integration tools like Jenkins, Bamboo, Fastlane and Xcode Server.
- Experience in iOS application architecture design and implementation
- Knowledge of BDD and TDD techniques using XCTest Framework and Mocking
- Experience working in Swift server-side programming using Perfect framework.
- Worked in a multicultural environment with teams in multiple geographical locations.
- Define clean, safe and reusable code
- Investigate and resolve application issues, bottlenecks, and inefficiencies
- Have strong communication, analytical and problem solving skills
- Worked with cross-functional teams to define, design and ship new features
- Worked in Agile Environment to deliver cutting edge applications
- Continuously discover, evaluate and implement new technologies to maximize quality and efficiency.
- Familiarity with Apple's Human Interface Guidelines and App Store Review Guidelines.
- Worked on Facebook SDK, Twitter SDK, Google SDK,

## Skills

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Objective-C, Swift, Xcode IDE, SQL, GIT, Kotlin, Android Studio, JIRA, Google SDK, Facebook SDK, Admob, InMobi, Parse SDK, Instagram SDK, Alamofire, SwiftyJson, Crashlytics, Realm, iCloud, Promise Kit, Motion Kit, Masonry, Localization, Audio Player, GPU Image, Streaming, Twilio, XMPP Server, Push Notifications, Payments (SwiftyStoreKit), In App Purchases, Reflections, PayPal iOS SDK, AWS, Dropbox, Fabric, Shopify, SwiftMD5, Stack Layout, Event Kit, Cocoa Pods, SwiftLint, UIKit, Core Data, AVFoundation, Social Framework, Core Bluetooth, Event Kit, Contacts Framework, MessageUI and Core Location frameworks, RxSwift, Realm, Agile, XP, TDD, Multithreading, Performance optimization, Team Management, Core Animation, GCD & Networking, Web API Interaction (XML, JSON), AR, VR, ML, Gamekit, MultiPeer Connectivity, PushKit, PassKit.

## Achievements:

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- Worked on BLE technology and controlled a hardware via iPhone for that I got Employee of the month Award.
- Delivered an Automobile mobile solution to Mercedes-Benz within a short period of time.
- Worked on application performance optimization which has 500k downloads on App Store.
- Delivered more than 50 Demos to companies like Fiat, BMW, Nissan, Toyota, Honda etc.
- National ICT R&D Scholarship Holder, Engineering Degree (NUST)

## Open Source Work:

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I have open source contribution on Github and one of my library has good rating

<https://github.com/mwaqasbhati/WBCollectionViewLayout>

I have open source contribution on Stack overflow and helping other iOS developer.

<https://stackoverflow.com/users/3973647/muhammad-waqas-bhati>

## Experience

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### Emaar Technologies | Dubai

March 2017 - Present

Senior Software Engineer (iOS/Objective-C/Swift/Android)

- I worked with developers to integrate parking module and indoor navigation into their shopping mall application which has almost 500k downloads. I worked on their Malls security system to automate the incidence handling and reporting system for their security team, security managers and supervisor.
- Build and maintained in-house and App store applications to support and enhance business.
- Worked with cross functional teams to refine and understand requirements.
- Worked on application performance using different structural changes that enhance business.
- Interacted with Team Leader to identify deficiencies and conflicts in design.

### Rydite Inc. | USA, San Francisco (Remotely)

April 2016 – Feb 2017 (11 Months)

Senior Software Engineer (iOS/Objective-C/Swift)

- Architected, design and develop their Ride sharing application which they made to facilitate the travelling for students studying in different universities. It includes google SDK, Facebook SDK, Parse SDK, Swift, auto layouts, Alamofire, swiftJson
- Daily meeting with the U.S onsite team members, communicate problems, solutions and promote team focus.

### NetSol Technologies Inc. (CMMI 5 Level) | Lahore, Pakistan

Dec 2014 – Aug 2016 (1 Year 9 Months)

Software Engineer (iOS/Objective-C/Swift)

- Deployed and maintained a POS system for Mercedes-Benz china
- Worked on making 50+ Demos for companies like Fiat, Nissan and BMW.
- Tech and mentor other developers about latest technologies.

### Brainiacs Technologies | Lahore, Pakistan

Nov 2013 - Dec 2014 (1 Year 2 Months)

Designation: software engineer (iOS/Objective-C)

- Developed and shipped over a dozen applications for their prominent clients like ([RED C](#)) which is based in UK.

## Projects

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### PQA (Project Quality Assurance)

PQA application is an iPad application which is made for 3 different Quality assurance departments to automate the process of inspecting the quality of a building/villa etc. One can download a unit and do an inspection in offline. Once done, he can sync it back with all the data.

**Technology Stack:** Core Data, NSOperationQueue, AVFoundation, XML Parsing, SOAP Services, SwiftMD5, Stack Layout, Auto Layout, IBM iOS SDK, GCD, Agile Methodology, UIKit.

### The Dubai Mall

App Store: <https://itunes.apple.com/us/app/the-dubai-mall/id430795858?mt=8>

This app is made to help the customer by providing different shop details, their hot trends, what's new stuff and offers.

**Technology Stack:** Mappedin SDK, Google Maps, Swift 4.0, POP, Crashlytics, Web REST API, Core Animation, Core Graphics.

### **BusGuru**

App Store: <https://itunes.apple.com/gb/app/bus-guru-london-live-bus-countdown/id468997443?mt=8>

Bus Guru provides Londoners with all the real-time bus information they need. This app. is only for London citizens to facilitate them with the latest busses timing from TFL (traffic for London).

**Technology Stack:** SOAP API, Objective-c, SQLite DB, Push Notifications, GCD

### **Reel Cinema**

App Store: <https://itunes.apple.com/ae/app/reel-cinemas/id432316358?mt=8>

This app provides online cinema booking, movies details, current booking details etc. This application has more than 500k downloads on App Store.

**Technology Stack:** Passkit, Alamofire, ObjectMapper, Push Notifications, Payments, Crashlytics, Web Rest API, Swift 4.0, UIKit, Foundation Framework, Encryption (AES 128), Keychain, WatchKit, Core Animation, Core Graphics.

### **Mercedes Benz POS**

The Point of Sale application simplifies the business origination process for financial products such as financial lease, operating lease and hire purchase. This application shows:

- POS features a customizable business intelligence dashboard along with detailed reporting so your dealer network can make the right decisions at the right time.
- Quotation & Application: Save time with the intuitive point of sale interface in creating quotations and submitting credit applications.
- Offline Mode: Keep working even with no connectivity. POS will automatically sync data with the cloud the next time you connect to the internet.

**Technology Stack:** Core Data, Custom Collection Layout, Objective-c, Rest API, Contacts, Message, Social

### **Emaar Malls Security System**

- Incidence handling and reporting for Dubai mall between Security team, management, supervisor and end users with all having different roles and privileges.
- Each role with having privilege can create an incidence and can start a private or group communication on that incidence
- All messages and data is end to end encrypted using HS algorithm

### **Fat Caliper**

App Store: <https://itunes.apple.com/us/app/body-fat-calculator-fitness/id567639245?mt=8>

FatCaliper+ is designed to help you easily and accurately measure, calculate and track body fat using clinically-proven methods. Combining FatCaliper+ with any body fat caliper, or a tape measure and bathroom scale, is the quickest and least expensive way to measure body fat in the comfort and convenience of your home or office.

### **Rydite**

Rydite is the first college ridesharing network designed for students. Whether it's heading back home, visiting friends at other campuses, commuting to class, music festivals, spring break, and more! Rydite is here to help connect you with students going the same way!

- Post, search, filter for rides and drives in real time!
- Group message everyone on your trip!

**Note:** Other projects are listed on my LinkedIn Profile: <https://www.linkedin.com/in/waqasbhati/>

## **Education**

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**National University of Sciences and Technology Pakistan (NUST, among top 100 universities in Asia)**

Bachelor of Software Engineering: BESE

2013

## **Hobbies:**

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Playing Cricket, watching TED talks, open source contribution(Stack overflow, GitHub), Raywanderlich, Medium

