

# MD SHOHRAB CHOWDHURY

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## Sr. Mobile Developer

Proactive, innovative and skilled Mobile application (iOS & Android) developer, 8 years of experience in building cutting-edge iPhone, Android and desktop applications to meet user needs. Key contributor to all facets of the software development life cycle, including requirements identification and analysis, application architecture, design specifications, programming, testing and deployment. Strong collaborative, interpersonal and communication abilities to achieve seamless cross-functional cooperation, as well as to facilitate optimal knowledge sharing and project excellence.

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iOS Development • Android Application Development • Software Engineering

• Application Architecture • Database Development • Social Media Integration • Testing & Debugging

Requirements Analysis & Management • Project Management • Communication • Collaborative Teamwork

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**Languages:** C#, Java, Objective C, Swift

**Cloud:** Firebase, Google Cloud

**Web:** JQuery, Javascript, Html

**Databases:** SQLite, SQL Server 2012, MySql

**Tools:** XCode, Eclipse, Android Studio, Source Control (Git,SVN)

**Project Management:** JIRA, Assembla,UML Design

**Platforms:** Windows, Mac, iOS

**Distribute and manage IPA file** (TestFlight, Airwatch)

**Design Pattern:** Iterator, Singleton, Strategy, Template Method, Observer, and Facade

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## PROFESSIONAL EXPERIENCE

**Verizon Wireless, Warren, NJ, USA • January 2015 to Present**

**Sr. Mobile Developer**

Successfully develop 4 different projects in official My Verizon application which serve millions of Verizon Customers.

URL: <https://itunes.apple.com/us/app/my-verizon/id416023011?mt=8>

### **Smart App (iOS):**

iOS Developer for Verizon's in-store experience application, 'Smart'. Smart is included in the My Verizon Mobile application. When the user enters a Verizon Wireless retail store they will receive a welcome notification, allowing them to automatically check into line, view promotions specific to their current store location, automatically detect and display product information about products they are standing by (as the user walks around, the app automatically updates product information in relation to the users location within the store), scan and pay for accessories without waiting in line, compare devices and products, sign up for workshops and appointments, and many other useful features

### **MVDActive (iOS & Android)**

MVDActive is an end to end solution for Device diagnosis in Verizon customer care. Using this solution a customer representative able to track device issues within a minute. It will generate reports that sync with the server.

Develop this product from scratch to production having 42 test case, for example, Device storage health, Ram usage, CPU performance etc. This product used in both retail and Verizon warehouse. MVDAActive is reported saving 12 millions of dollars (combined Android and iOS platform together) for Verizon in 2016 by automatic or semi-automatic test cases. Verizon submitted two utility patents on this product.

### **Device Health Check (iOS)**

Device Health Check (DHC) and Speed Test is a key component in MVM (My Verizon Mobile) application. DHC fetches device information and let user monitor their phone status. The diagnostics results categories in four sections: battery, storage usage, performance and connectivity. It has been used both in self-troubleshooting and retail stores. Average 70 thousand calls each day. And it is one of the kind modules among all carrier app.

### **Speed Test (iOS & Android)**

Speed Test is a module used for Verizon Unlimited Customer to test network quality and speed, which can test LTE network speed and quality and present the test in a very intuitionistic way. It also collects user feedback for business team to analyze the problem and solution for improving customer satisfaction.

### **Duplicate Photos Cleaner (iOS)**

Duplicate Photo Cleaner is an advanced feature added to original DHC for cleaning the identical photos and videos for the user, critical for who has early versions or small storage iPhones. I have implemented the custom comparing method for image data. It has excellent user feedback and reported used by half a million Verizon customer a month in the peak period.

### **Custom DLL (C#, Windows)**

Develop custom dll for Verizon Customer care portal to diagnosis device automatically which is the first steps to move from manual to automatic service for customer.

**Technical Skill:** Objective C, SQLite, XCode, Mac OS & iOS, C#.

## **Fuzzellogic Solution, Douglas, UK • January 2012 to June 2014**

### **iOS Developer**

Evaluated requirements, design UML and writing code to implement feature.

#### **Achievements:**

- Successfully developed a complete large-scale iPhone and iPad **eCommerce** web service application with 1M+ users, over 3 years (including design of UML diagram, basic architecture and writing code using **Objective C** to implement design), with a robust palette of features encompassing a product list and details page, quick shop, barcode capability, product instant buy, online transactions, item quick search, dynamic home view, and sale/clearance support. <https://itunes.apple.com/gb/app/next-for-iphone-fashion-homeware-shopping/id348364305?mt=8>
- Created 4 service based iPhone and iPad applications, with concept to live launch times ranging from 3-4 months for 2 projects to over 12 months for a 3rd and ongoing development of the 4th.
- Designed an innovative iOS application, utilizing web API service to capture data from the server in JSON format.
- Worked in close collaboration with the web services team to generate ideas for new applications and to contribute expertise to facilitate development of a JSON structure, which enabled support of multiple platforms, such as Android, Mobi and iOS.
- Formulated UML for an application to convert business specifications into a Class diagram.
- Writing code based on design

**Technical Skills:** Objective C, ASP.Net, SQLite, XCode, Mac OS & iOS.

## EDUCATION / ADDITIONAL TRAINING

<b>Degree</b>	<b>School</b>	<b>Year</b>	<b>CGPA</b>
MSc in Professional CS	Maharishi University of Management, USA	2014 - 2016	3.56 / 4
BSc in CSE	Ahsanullah University of Science and Technology	2008 - 2012	3.63 / 4
HSC	Govt. Science and College	2005 - 2007	4.70 / 5
SSC	A.K High School and College	2003 - 2005	5.00 / 5