

# SHAFIQ ULLAH

Fairfield, Iowa 52557

641-233-9049 • [mdshafiqullah.bd@gmail.com](mailto:mdshafiqullah.bd@gmail.com)

<https://www.linkedin.com/in/md-shafiq-ullah-bd>

## iOS MOBILE DEVELOPER

Skilled mobile app developer with more than 6 years of hands-on experience designing and developing many different mobile applications for both iOS and Android devices. History of delivering high-quality, secure solutions with reactive interfaces and efficient databases which meet all project requirements and earn client satisfaction using Objective-C, Swift, Java, Node, Express, Xcode, and Android Studio.

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Android & iOS Development • Software Development Life Cycle • Object-Oriented Programming  
User Interface • Back-End Components • Database Integration

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

**Web:** HTML5, CSS3, JavaScript, XML, jQuery

**Web Services:** AWS, Microservices, JSON

**Web/App Servers:** Apache/Tomcat, IIS

**Frameworks:** Node, Express, Angular, React

**Databases:** MS SQL, SQLite

**Design Patterns:** MVC, Singleton, Prototype, Session

**SDLC:** Agile/Scrum, Waterfall

**Tools:** Xcode, Android Studio, VS Code, Cloudera, Postman

**Platforms:** iOS, Android

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## PROFESSIONAL EXPERIENCE

*CAREER NOTE:* Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### **SAMSUNG R&D, Dhaka, Bangladesh • 2016-2022**

Local R&D branch of multinational company Samsung.

### **Senior Software Developer • 2018-2022**

Designed and developed a variety of mobile iOS applications for clients.

- Implemented sensitive and secure **Mission-Critical Push-to-Talk (MCPTT)** app, which supports first responders. Developed user interface and network configuration.
- Integrated VPN routing for WiFi data.
- **MCPTT** awarded *Best Project of SRBD 2021*.
- Investigated, troubleshot, and repaired software bugs.
- Performed on-site project support and bug identification at AT&T offices in the US, working with local network engineers.
- Worked on-site in US alongside deployment team to install on customer servers.

**Technologies Used:** Objective-C, Swift, Xcode, Java, Android Studio, iOS, Android

### **Software Developer • 2016-2018**

Analyzed client requirements to develop and deliver mobile iOS apps.

- Major project was **iOS Gear 360** app.
- Implemented image processing and view style front-end modules.
- **iOS Gear 360** awarded *Best Project of Samsung R&D Bangladesh Ltd. 2017*.
- Traveled to Samsung R&D headquarters in South Korea to provide project support.

**Technologies Used:** Objective-C, Swift, Xcode, iOS

### **BRAC IT SERVICES, Dhaka, Bangladesh • 2015**

In-house software company for BRAC Bank Ltd.

#### **Android Developer (intern)**

Developed a mobile banking app based on client requirements.

- Quickly gained knowledge of client's existing banking system to determine best model.
- Implemented and integrated financial and authentication modules.
- Successfully delivered finished project within assigned timeline.

**Technologies Used:** Java, SQLite, Android Studio, Android

## **PROJECTS**

### **Maharishi International University, Fairfield, Iowa (2023):**

- **Library Management System:** Designed and developed a simple library system as a one-week project in a 3-person team. Implemented multiple user roles, each with different feature accessibility, and built UI with Java Swing. Used Java for backend and MySQL as database.
- **Weather Big Data Analysis & Visualization:** Captured live weather data stream and analyzed on various parameters like location, time, and max/min temperature. Used Kafka for data transportation, Spark for analysis, HBase and Hive for storage, and Tableau for visualization.
- **Portfolio AWS Website:** Built personal portfolio website using Amazon Web Services. Used S3 for storage, Step Function for backend logic, API Gateway and CloudFront for website access, and Route 53 for web hosting and routing. Utilized Git CI/CD Pinpoint for version control and Amazon Lex as AI chatbot feature.

**AndroSafe (2014):** Independently created an anti-theft mobile app which captures the camera image of any failed login attempt, retrieves the phone's current location, and sends an alert to the authorized user. Used Java as backend and XML as frontend, with Google Gmail service for email and Android Studio as development tool.

## **EDUCATION**

### **Master of Science in Computer Science**

*(In progress via distance education; expected completion April 2025)*

Maharishi International University – Fairfield, Iowa

**Key Courses:** *Fundamental Programming Practices; Modern Programming Practices; Web Application Programming; Big Data Technology; Cloud Computing; Web Application Architecture*

### **Bachelor of Science in Software Engineering (2016)**

University of Dhaka – Dhaka, Bangladesh