# MD. MAHEDI HASAN

**Assistant Programmer | Govt. ICT Project**

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## PROFILE

Results-driven Mobile Application Developer with a proven track record of over 5 years in developing innovative applications. Possessing a strong knowledge of programming languages and frameworks, I am dedicated to enhancing user experiences. Committed to continuous growth, I stay updated with the latest technologies and trends. Collaborating seamlessly with talented teams, I deliver high-quality applications that meet and exceed user expectations.

## EXPERIENCE

### Assistant Programmer

**Govt. ICT Project**

📅 June 2019 – Present                                              📍 Dhaka Cantonment, Dhaka

- In-house development of web and mobile applications using Django, Spring Boot, Xcode, and Android Studio
- Proficient in SwiftUI, Objective-C, and RESTful Web Services for seamless integration
- Expertise in iOS Frameworks like Core Data, Core Graphics, and Core Animation
- Skilled in memory management, performance tuning, and resource optimizations
- Exceptional ability to accurately replicate UI and UX designs across multiple screens
- Collaborative approach to defining robust RESTful APIs and ensuring seamless integration with server-side
- Experience in gathering requirements, preparing CRS, and submitting to vendors for large-scale applications.
- Proficient in reviewing software architecture, database schema design, and network diagrams.
- Continuous improvement of software delivery through CI/CD pipelines.
- Project management based on sprints using the WBS methodology.

`SwiftUI`  `UIKit`  `Python`  `Alamofire`  `RESTful APIs`  `MinIO`  `Docker`  `SQLite`  `PostgreSQL`  `Git`  `Jira`

### Software Engineer

**Business Accelerate BD Ltd.**

📅 August 2017 – October 2018                                     📍 Sand Stone GA 9/3, Level 06, Shajadpur, Dhaka

- Contributed to the development of a Secondary Sales Automation, consisting of mobile and web application
- Specialized in Android application development, actively involved in the Android team
- Collaborated with cross-functional teams to ensure seamless integration between the mobile and web parts.
- Demonstrated versatility by assisting in bug fixing and implementing new requirements
- Successfully served renowned clients such as Arla Foods (DANO), MGI, Shah Cement, BOEL, and TBL (PEPSI)
- Prioritized client satisfaction by delivering high-quality solutions that met their specific needs
- Maintained a proactive approach to problem-solving, ensuring smooth functionality and user experience
- Participated in team discussions and code reviews to drive continuous improvement and maintain code quality

`Java`  `Kotlin`  `Firebase`  `CodeIgniter`  `MVC`  `Retrofit`  `SharedPreferences`  `MySQL`  `BitBucket`  `Slack`

### Junior Software Engineer

**Xenial IT Ltd.**

📅 February 2017 – July 2017                                        📍 Dhanmondi R/A, Dhaka

- Developed new modules for desktop app using JavaFX, Spring Framework, and other Java-based technologies
- Performed bug fixing and conducted thorough testing to ensure optimal functionality and user experience
- Collaborated with cross-functional teams to meet client requirements and deliver high-quality solutions
- Built customized websites for local clients, ensuring they were visually appealing and optimized for different devices

`JavaFX`  `Spring Framework`  `JDBC`  `SQL`  `RDBMS`  `Gradle`  `HTML`  `CSS`  `JavaScript`  `Bootstrap`  `Git`

# EDUCATION

## M.Sc. in Information and Communication Technology (ICT))
**Bangladesh University of Engineering and Technology (BUET)**

🔖 CGPA: 3.40/4.00                                      📅 Passing Year: 2023 (Expected)

## B.Sc. in Computer Science and Engineering (CSE)
**Military Institute of Science and Technology (MIST)**

🔖 CGPA: 3.27/4.00                                      📅 Passing Year: 2017

## Higher Secondary Certificate (Science)
**Chittagong College, Chittagong**

🔖 GPA: 5.00/5.00                                      📅 Passing Year: 2012

## Secondary School Certificate (Science)
**B.N School and College, Chittagong**

🔖 GPA: 5.00/5.00                                      📅 Passing Year: 2010

# PROJECTS

 **iOS Application Development**

- One of my recent project is 'Wellbeing Pharmacy' application which is the mini version of an E-commerce platform. This application is available here:
  - –> Wellbeing Pharmacy

Xcode · Figma · AlamoFire · FirebaseUI · Maps SDK · SwiftyJSON · MySQL · UIKit · Core Data · Git

 **Android Application Development**

- In addition to my professional work, I actively pursue my passion for app development, independently creating and publishing apps on the Google Play Store. Some of my notable apps in the entertainment category are 'MovieZ', 'MusicZ', and in the Islamic genre, I have developed apps like 'Digital Tasbi', 'Ramadan Calendar', along with an educational app called 'Dinosaur'. As my skills continue to expand with experience, I aim to release more applications on the Play Store. Access all my Android applications here:
  - –> Play Store Profile

Android Studio · Firebase · SQLite · JSON Validator · Android SDK · Material Design · MVC · TMDB API

# TRAINING AND CERTIFICATION

| Training Title | Topic | Institute | Year |
|---|---|---|---|
| Cisco CCNA | Basic Networking, Routing and Switching | The New Horizon | 2017 |
| Server and Storage Technology | Linux server, Storage and Cloud Technology | Biotech BD | 2017 |

| Certification | Topic | Institute | Year |
|---|---|---|---|
| Introduction of Cyber Security | Ethical Hacking, Cryptography, Computer Networks & Security, Application Security, Identity and Access Management | Cisco Networking Academy | 2021 |
| Cisco CyberOps Associate | Cyber and network infrastructure vulnerability analysis | Cisco Networking Academy | 2021 |

# REFERENCE

**Lt Col Muhammad Nazrul Islam, PhD**
**Associate Professor**

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