



# Imtiaz Mamun

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## OBJECTIVES

I am an ambitious problem solver with a passion for developing web and mobile applications, and I would like to join a team of open-minded developers. I have much experience of creating logical and innovative solutions for complex problems. I take responsibility for my own personal development so that I could stay at the cutting edge of Web and Mobile Application Development.

I am experienced and enthusiastic in data science with a solid background in Mathematics, Artificial Intelligence and Model Development. Vastly interested in working through Big Data with recommended artificial intelligence to utilize my research experience and attain to the optimal foreground in data science. Bringing hands-on experience in using advanced statistical techniques and massive programming skills.

## EDUCATION

### Bachelor of Science (BSc), CSE — (2013–2017)

GPA: 2.60 Out of 4.00

*United International University, Dhaka*

### Higher Secondary Certificate (H.S.C.), Science — (2011–2012)

GPA: 4.20 Out of 5.00

*Govt. Bangla College, Dhaka*

### Secondary School Certificate (S.S.C.), Science — (2009–2010)

GPA: 5.00 Out of 5.00

*Rajshahi Govt. Model School and College, Rajshahi*

## LANGUAGES

**Bangla**— Native Language

**English**— Reading, Writing and Speaking

**Hindi and Urdu**— Listening and Speaking

## ACHIEVEMENTS

### Google Android Developer

— by GDG, Android Developer StudyJam

### Actor & Director

— by Children Film Society

## EXPERIENCE

### Officer

Beximco Pharmaceuticals Limited

June 2018 – Present

Multimedia Department

### RESPONSIBILITIES

1. Collaborate with UX/UI design and manage suitable software architecture according to the requirements.
2. Prepare detailed charts and diagrams that describe inputs, outputs, and logical operations.
3. Perform system analysis, design and testing with programming and debugging knowledge to be sure that the system is user friendly to use and produces the desired data and information and provides the required services.
4. Deploy and demonstrate Native Android Application, Website and Web Application with full lifecycle in software development.
5. Implement ways to improve data processing, reliability, efficiency, quality and conceptualize data modeling, mining, production and visualization.
6. Gather requirements of application and system.
7. Content, Newsletter and Product information update and upload in the server.
8. User support for in-house running applications.
9. Create technical solutions and automation for in-house running applications.
10. Prepare and send E-mail newsletter to subscribers.

## PERSONAL QUALITIES

1. Industrial, responsible, moral and respective to the chain of command.
2. Able to work and match with any environment and people
3. Have excellent communication skills.
4. Open and positive attitude.
5. Genuine care and respect for needs of others, practically vulnerable populations with strong belief in empowering marginalized and disenfranchised people.
6. High integrity and willingness to conduct myself transparently and open to scrutiny.
7. Strong interpersonal skills and demonstrated ability to establish effective working relations with local staff and other stakeholders.
8. Ability to maintain confidentiality.
9. Ability to work under pressure with minimal supervision in a culturally diverse team.

## PERSONAL INFORMATION

**Father's Name:** Md. Shariful Alam  
**Mother's Name:** Most. Masuda Parvin  
**Date of Birth:** 02-10-1996  
**Nationality:** Bangladeshi  
**Matrimonial:** Unmarried  
**Religion:** Islam  
**Blood Group:** B+  
**Home Town:** Rajshashi

## PERSONAL INTEREST

Traveling, Hill Hiking, Camping  
Pool, Chess, Badminton, Table Tennis,  
Football, Volleyball, Cricket  
Guitar, Lyrics, Drawing, Acting

## PROJECTS

### AUTO SMART CITY

#### Web & Android

**Properties:** Ant Colony Algorithm, Reinforcement Learning Algorithms, Tf-Idf Scoring

**Implementations:** Android, Java, JSP, Firebase, MySQL

**Features:** Reduces traffic by a forecasting time and Route for a particular distance based on the real time movement of the transports. User gets an alert if their daily route holds a very high traffic rather than the other routes.

[https://bitbucket.org/Antu\\_Mamun/auto-smart-city](https://bitbucket.org/Antu_Mamun/auto-smart-city)

### YIELD BOOSTER

#### Web Project

**Properties:** KNN C

**Implementations:** Java, JSP, MySQL

#### Features:

1. Classifying crops for production based on the
  - a. Soil elements
  - b. Weather and geographical environment
2. Clustering crops for production based on the
  - a. Market Value
  - b. Production Cost
  - c. Harvesting Season
  - d. Maximum Possible Harvesting

[https://bitbucket.org/sajid92/crop\\_predictor\\_version\\_2](https://bitbucket.org/sajid92/crop_predictor_version_2)

## RESEARCHES

### BSc Thesis

Event Detection and Violence Recognition from Textual News through Multilayer Perceptron and Supervised Learning

[Semantic Scholar | AI-Powered Research Tool](#)

### Publications

Event Detection and Knowledge Mining from Unlabeled Bengali News Article

[The International Conference on Decision Aid Sciences and Applications \(DASA'20\)](#)

## KEY SKILLS



### Programming Languages

Python

Java

C & C++

JavaScript

Unix & Shell Scripting

PHP



### Database Management

Firebase

MySQL

Oracle

MongoDB

SQLite

Hibernate



### Mobile Application

Android Native Programming

XML

Google API

Android Studio



### Web Application

Django

JSP, Spring MVC & PHP

Meteor (Javascript Framework)

jQuery, AngularJS & Ajax



### Prominent Skills

Arduino Programming Language

Linux (Operating System)

Artificial Neural Network

Machine Learning

Pattern Recognition

Web Animations



### Industrial Knowledge

SDLC phases

USE CASE Diagram

SWOT Analysis

Agile Development

Git-repository & BitBucket

Analytical, Statistical, Hypothetical & Quick Learner

**SIGNATURE**