

MD. TOYEB

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Bash coding: Rudimentary

Programming Language: **Java** (Excellent), **Python** (Proficient), **C** (Familiar)

Web Programming: Java Spring Boot, Grails

Database: MySQL

EDUCATION

BRAC University

January 2017 - May 2021

B.Sc. in Computer Science and Engineering

CGPA: 3.34

Thesis: Currently, working on my thesis about **LRFMV (proposed model) model applying machine learning** to identify most valuable customers.

Progress: <https://www.kaggle.com/mdtoyeb/notebookf38fbd7342> , (Papers will be published soon)

EXPERIENCE

Software Engineer Intern, [BRAC IT Services Limited](#)

April 2021- July 2021

- Learning through real-world experience.
- First-hand experience in designing a system.
- Working on fundamentals of Spring-Boot Security.
- Working Experience in Grails

Programming Contest Participation:

Title of Contest	Year of Participation	Position
BRACU Intra University Programming Contest	2017	13th
BRACU Intra University Programming Contest	2018	9th

Some of my personal projects:

1. Learning Java Spring framework with a Demo-Project:

(Current project)

- Designed some models and database.
- Created some service-based RESTful APIs.
- MVC Pattern.
- Connected a MySQL database and fetched data with repository.
- Implemented JPA Authentication, Authorization and JWT Token.

Technology: Java Spring-Boot Web, JPA, Spring-Boot Security, Gradle, REST API.

Link: <https://git.io/JOqnV>

2. New York Taxi fare prediction using Machine Learning:

September 2020

- Group Project.
- Predicting taxi fare in New York city.
- Data cleaning.
- Data visualization.

Link: <https://git.io/JtUmr>

3. Donation management System:

April 2019

- First GUI based project.
- Database project to perform some manual CRUD Operations.
- RDBMS.

Technology: Java-Swing, Glassfish, MySQL

Link: <https://git.io/JtUmV>

4. Video-Library Management System:

April 2018

- Record Management System.
- Implemented Object Oriented Concepts.
- File-based system.

Technology: Core Java

Link: <https://git.io/JtUm2>

VOLUNTEER WORK

Co-founder, [ত্রিদিব](#)

July 2014 – December 2019

- A local organization to help the poor around us.
- Organized yearly donation programs on both festivals and natural disasters.
- Raised huge fund every year with our pocket money.
- Helped JAAGO Foundation to distribute donations.

ASSESSMENTS

Java — Highly Proficient

October 2020

Designed by engineering managers & real-world employers, this Java test evaluates general technical competency. Full results:

[Highly Proficient](#)

Programming Fundamentals — Proficient

October 2020

Designed by engineering managers and real-world employers, this test gives you hard data points to evaluate technical competency.

Full results: [Proficient](#)
