

# ANIKA TABASSUM

BTI Chorus, Flat: A/8, Plot: 9 & 11, Block: A, Aftabnagar, Dhaka-1212

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https://anikatabassum06.github.io

## EDUCATION

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### East West University

Bachelor of Science in Computer Science and Engineering

Jan, 2019

CGPA: 3.85/4.00

### Awards & Scholarships:

**Magna Cum Laude** (CGPA from 3.80 to 3.89)

**Merit Scholarship** (GPA greater than 3.90 in one year)

**Dean's List Scholarship** (GPA greater than 3.75 in one year)

**Medha Lalon Scholarship** (GPA greater than 3.50 in one year)

Spring, Summer, Fall- 2018

Spring, Summer, Fall- 2017

Spring, Summer, Fall- 2016

### Al Amin Academy School & College

Higher Secondary Certificate

Studied: Science

Apr, 2013

GPA: 5.00/5.00

### Al Amin Academy School & College

Secondary School Certificate

Studied: Science

Mar, 2011

GPA: 5.00/5.00

## RESEARCH INTEREST

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My primary research interests include **Software Engineering, Data Science, Big Data Analytics, Machine Learning, Artificial Intelligence, Business Intelligence, Data Visualization, Data Management, Database and Information Systems, and Data Security.**

## PUBLISHED PAPER

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Tabassum, A. I. Nady and M. Rezwanul Huq, "Mathematical Formulation and Implementation of Query Inversion Techniques in RDBMS for Tracking Data Provenance," *2019 7th International Conference on Information and Communication Technology (ICoICT)*, Kuala Lumpur, Malaysia, 2019, pp. 1-6, doi: 10.1109/ICoICT.2019.8835290.

## WORK EXPERIENCE

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### Southtech Group Ltd.

Senior Software Engineer

Jan, 2023- Jul, 2024

### Southtech Group Ltd.

Software Engineer

Jul, 2019- Dec, 2022

### Responsibilities:

- Software Development using the Java platform, with a focus on Spring MVC
- Software Release Management
- Developing Business Intelligence (BI) Tool
- Designing Financial BI Reports and Dashboards using Power BI
- Data Warehousing and Data Archival process
- ETL (Extract, Transform & Load) process development.
- Writing unit tests to meet maximum coverage using JUnit
- Maintaining Power BI Gateway to access data from on-premises networks.
- Database Performance Optimization
- Enhancement of existing solutions
- Fixing bugs, and implementing change requests of clients

**Courses assigned:**

- Structured Programming in C
- Electrical Circuit
- Data Structure
- Data Communication
- Signal and Systems

**Responsibilities:**

- Evaluating student's performance in lab classes
- Supporting the enrolled students with their coursework
- Assisting the instructor in reporting final grading
- Facilitating the instructor in the exam hall

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**ADDITIONAL EXPERIENCE**

**Fast Track Future Leader (FTFL) Training Program**

*Apr, 2019 - Jun, 2019*

Offered by Leveraging ICT for Growth, Employment and Governance Project, ICT Ministry Bangladesh  
Basic OOP, Core Java, Spring MVC, Hibernate, JPA Repository, SQL, JQuery, Ajax, Angular JS, JS, HTML, CSS

**Training Courses:**

- "AWS Developer Associate" from Izaan School of Engineering, USA
- "ISTQB Certified Tester Level" from eGeneration, Bangladesh
- "Complete Data Science Training: Math, Statistics, Python, Advanced Statistics in Python, Machine and Deep Learning" from Udemy

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**TECHNICAL STRENGTHS**

**Programming Languages & Framework** C, C++, JAVA, Spring MVC, Hibernate, Python, JavaScript, HTML, CSS, DAX

**Database Management Systems** MS SQL, MySQL, Oracle, H2 Database, PostgreSQL

**Technology** Business Intelligence, Data Visualization, Amazon Web Service

**Tools** Power BI Desktop, Tableau Desktop, IntelliJ, Eclipse, Postman, MSSQL Management Studio, MySQL Workbench, Visual Studio, Weka, Tortoise SVN, WildFly, Tomcat, Enterprise Architecture, UiPath (RPA), MS Office, MS Excel, and MS PowerPoint

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**LANGUAGE PROFICIENCY**

**Language:** English

**IELTS:** Overall (7.0) L-7.5, R-6, W-6.5, S-7

**CEFR Level:** C1

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**EXTRA-CURRICULAR**

**Participant:** Programming Contest titled "Beginner and Intermediate Level Programming Contest, Spring 2015, arranged by the East West University Computer Club (EWUCoPC)"

**Organizer:** IT Event Management, East West University

Professional Communication: Conduct presentation in international conference.

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**REFERENCES**

**Dr. Maheen Islam**

Chairperson,  
Department of Computer Science & Engineering,  
East West University,  
Dhaka, Bangladesh  
Email: maheen@ewubd.edu

**Dr. Mohammad Rezwanaul Huq**

Associate Professor,  
Department of Computer Science & Engineering,  
East West University,  
Dhaka, Bangladesh  
Email: mrhuq@ewubd.edu