

ANIKA TABASSUM

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

☎+8801687655264 ✉anika.ewucse@gmail.com

[Personal Web Page](#)

EDUCATION

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 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

Higher Secondary Certificate

Studied: Science

Apr 2013

GPA: 5.00/5.00

Al Amin Academy

Secondary School Certificate

Studied: Science

Mar 2011

GPA: 5.00/5.00

RESEARCH INTEREST

My primary research interests include **Software Engineering, Data Science, Big Data Analytics, Machine Learning, Artificial Intelligence, Business Intelligence, Real-Time Database Systems, and Database Security.**

PUBLISHED PAPER

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

Southtech Group Ltd.

Senior Software Engineer

Jan 2023- Jul 2024

Southtech Group Ltd.

Software Engineer

Jul 2019- Dec 2022

Responsibilities:

- Developed software using the Java platform, with a focus on Spring MVC.
- Managed software releases, ensuring timely delivery and adherence to quality standards.
- Developed Business Intelligence (BI) tools.
- Designed and created BI reports and dashboards using Power BI to support data-driven decision-making.
- Implemented data warehousing and archival processes for long-term data storage.
- Developed ETL (Extract, Transform, Load) processes to streamline data integration.
- Maintained Power BI Gateway for seamless data access from on-premises networks.
- Optimized database performance to enhance system efficiency and scalability.
- Improved existing solutions through feature enhancements and updates.
- Debugged and resolved software issues, and implemented client-specific change requests.

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

ADDITIONAL EXPERIENCE

Java Training under 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

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, LaTeX, 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

LANGUAGE PROFICIENCY

Language: English

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

CEFR Level: C1

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

Conference Attended: The 7th International Conference on Information and Communication Technology in Malaysia

REFERENCES

Dr. Maheen Islam

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

Dr. Mohammad Rezwanul Huq

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