

Tawfiq-E-Elahi

BSC IN SOFTWARE ENGINEERING

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ABOUT ME

Problem solver and strong communicator with a demonstrated aptitude for learning new technologies quickly. Seeking opportunities to enhance skills and contribute positively to the field of software engineering. Enjoy cricket, badminton and movies in leisure.

EDUCATION

Islamic University of Technology	2021-Current
BSc in Software Engineering	
Current CGPA: 3.33/4.0	
Govt. Azizul Haque College, Bogura	2019
Higher Secondary School Certificate (HSC)	
GPA: 5.00/5.00	

SKILLS

Languages	C, C++, C#, Java, Python, SQL, PL/SQL
Backend Development	Javascript, PHP, Express, NodeJs
Frontend Development	HTML, CSS, EJS, Bootstrap, Angular, React
Databases	Oracle, MongoDB, PostgreSQL, MySQL, Graph Database NEO4j
Tools and Frameworks	JUnit, JMeter, GitHub, Bitbucket, PostMan, LaTeX, Jira, .Net
Problem Solving	Solved problems on Codeforces and LeetCode

PROJECTS

Fake News Detection with LSTM <i>a machine learning project for fake news classification</i>	GitHub Link
Jupyter Notebook, Python	
<ul style="list-style-type: none">A machine learning project to classify fake news effectively with Long Short-Term Memory, by capturing long-term dependencies in texts and understanding semantic context. Data is preprocessed, tokenized, padded to convert into sequence suitable for LSTM model consisting of embedding layer, dropout layer, LSTM layer and dense layer.	
ExScheduler <i>an exam scheduling website</i>	GitHub Link
C#, ASP.NET Core, MiniZinc, JavaScript, EJS, HTML, CSS, PostgreSQL	
<ul style="list-style-type: none">A centralized platform for scheduling and managing examinations efficiently for admins and students.Exam date, department, semester, course code, link courses addition, approval of CR features for admins. Exam date preference, priority features for CRs. Exam routine generation with minizinc, satisfying constraints.	
SMetro <i>a metro rail ticketing website</i>	GitHub Link
ExpressJS, NodeJs, JavaScript, EJS, HTML, CSS, PostgreSQL	
<ul style="list-style-type: none">A website automating the metro rail ticketing system with smart ticket.Ticket generation via QR code, E-ticket via pdf, payment system, ticket exchange, return, penalty fare features for users. Train, route and fare addition, train, route and fare removal, stuck passengers removal features for admins.	
ServiceLagbe <i>an ecommerce website for services</i>	GitHub Link
PHP, HTML, CSS, Bootstrap, MySQL	
<ul style="list-style-type: none">A web platform serving as a marketplace connecting service users with service providers.Service searching, selection, rating features for users. OTP sharing between users and providers. Service provider selection from applicant list and assignment features for admins.	
LibraryHelp <i>a library management system</i>	GitHub Link
PHP, HTML, CSS, MySQL	
<ul style="list-style-type: none">Offering book addition, removal, approval of book borrow extension to admins. Book searching, tracking, hold request for unavailable books, request for book borrow, borrow extension features for users.	