Tawfiq-E-Elahi

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EDUCATION

BSc in Software Engineering
Islamic University of Technology(IUT)
CGPA: 3.50/4.0

EXPERIENCE

Web Developer Intern   June 2024 – September 2024
Battery Low Interactive Ltd.

- Developed a salary dashboard with React, JavaScript, HTML/CSS, and Recharts; integrated it with a Strapi backend via Express.js for content management.
- Contributed to an Angular company portfolio website, implemented SCSS for mobile responsive designs from Figma.
- Built and customized several company WordPress sites using Elementor; managed theme setup, content uploads, layout design, header/footer configuration and QA bug fixes.

SKILLS

Languages	C, C++, C#, Java, Python, SQL
Backend Development	Javascript, PHP, Express, NodeJs
Frontend Development	React, HTML, CSS, SCSS, EJS, Bootstrap
Databases	MongoDB, PostgreSQL, MySQL
Tools and Frameworks	JUnit, JMeter, Selenium, Jest, Wordpress, Strapi, GitHub, PostMan
Problem Solving	Solved problems on Codeforces and LeetCode

PROJECTS

SMetro | *a metro rail ticketing website*   GitHub Link
ExpressJS, NodeJs, JavaScript, EJS, HTML, CSS, PostgreSQL

- 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.

ExScheduler | *an exam scheduling website*   GitHub Link
C#, ASP.NET Core, MiniZinc, JavaScript, EJS, HTML, CSS, PostgreSQL

- 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.

ServiceLagbe | *an ecommerce website for services*   GitHub Link
PHP, HTML, CSS, Bootstrap, MySQL

- 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 asssignment features for admins.

Fake News Detection with LSTM | *a machine learning project for fake news classification*   GitHub Link
Jupyter Notebook, Python

- 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.

LibraryHelp | *a library management system*   GitHub Link
PHP, HTML, CSS, MySQL

- 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.