



MD SHAKIL HOSSEN

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

Objective

I am a dedicated software developer with a good foundation in the MERN stack, deep learning and data analysis. I aim to contribute to workflow improvements while continuing to grow professionally.

Education

Daffodil International University
BSc. in CSE | CGPA: 3.87

September 2020 – September 2024

Gazipur Cantonment College
HSC in Science | GPA: 4.92

July 2017 – April 2019

Technical Skills

Comfortable: HTML5 | CSS3 | JavaScript (ES6) | React | Tailwindcss | UI

Familiar: Node.js | Express | MongoDB | JWT | React Hook | Python | C | C++ | Mongoose | Bootstrap

Tools: VS Code | Git | GitHub | Figma | Vercel | Netlify | SEMrush | Rank Math

Data analysis and Visualization: Pandas | NumPy | Scikit-learn | Matplotlib | Seaborn

Deep Learning Framework: Tensorflow | Keras | Transfer Learning

Google Tools: Google workspace | Google analytics | Google search console

Projects

Bahari - E-Commerce Website

 [GitHub](#) | [Live](#)

- Created an intuitive user interface with React and React Router, enabling smooth navigation and advanced search features.
- Implemented sorting and pagination for an enhanced user experience.
- Built a robust backend with Node.js, Express, and MongoDB for efficient data management.

Technology: React, Node.js, Express.js, MongoDB, JWT Token

Blog Website

 [GitHub](#) | [Live](#)

- Designed and implemented an intuitive user interface with React and React Router, enabling seamless navigation across Cover page, Login page, Blogs and Footer section.

Research

- Al Ryan, A., Mahmud, M. S., Mahi, H. H. C., Hossen, M. S., Shimul, N. I., & Noori, S. R. H. (2023, February). FinTech: Deep Learning-Based Sentiment Classification of User Reviews from Various Bangladeshi Mobile Financial Services. In *International Conference on Computational Intelligence in Data Science* (pp. 126-140). Cham: Springer Nature Switzerland.
- Arpita, H. D., Al Ryan, A., Hossen, M. S., & Rahman, M. S. (2023, December). Airline Sentiments Unplugged: Leveraging Deep Learning for Customer Insights. In *2023 5th International Conference on Sustainable Technologies for Industry 5.0 (STI)* (pp. 1-6). IEEE.

Problem Solving

 **Beecrowd:** 100+  **Codeforces:** 20+

Final Year Thesis

- Emotion that Speaks: Peering Beyond the Obvious with Deep Learning for Emotion Recognition

Technology: Transfer Learning models, Tensorflow, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Award & Achievements

Performance-based scholarship at Daffodil International University
7th Place Unlock the Algorithm Programming Contest, Spring '22
10th Place Machine Learning Contest, Crack Dataset - 2024

Extracurricular Activities

DIU Computer and Programming Club, CPC | Assistant General Secretary

Jan '22 – May '23

Lead, Take Off Programming Contest 2021 & 2022

Organizer, Unlock the Algorithm Programming Contest, Fall '22

Organizer, CSE Fest 2022

Volunteer, National Girls Programming Contest, 2021, 2022

Volunteer, Bangladesh Olympiad in Informatics (BdOI), 2022

Volunteer, Intra University Programming Contest, 2021