MD SHAKIL HOSSEN

Shonirakhra, Dhaka, Bangladesh

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Portfolio | Github | LinkedIn

Education

Daffodil International University	September 2020 – September 2024

BSc. in CSE | CGPA: 3.87

Gazipur Cantonment College

Science | GPA: 4.92

Technical Skills

Comfortable: HTML5 | CSS3 | JavaScript (ES6) | React | Bootstrap | UI | MS Word, Excel, PowerPoint

Familiar: Node.js | Express | MongoDB | JWT | React Hook | Python | Material UI | Mongoose | NEXT JS | 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   🔗 **Client Site**   🔗 **Admin Site**

- Designed and implemented an intuitive user interface with React and React Router, enabling seamless navigation across product categories, blogs, and discount sections. Integrated advanced search functionality, sorting, and pagination to enhance the user experience.

- Developed a resilient backend infrastructure utilizing Node.js and Express, ensuring efficient communication with MongoDB for seamless data storage and retrieval.

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

Blog Website   🔗 **Live Site**

- 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.

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

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

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