Md Tanvir Hasan

Date of birth: 1997

Nationality: Bangladeshi

CONTACT

📍 Funchal, Portugal **(Home)**

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👤 https://www.linkedin.com/in/md-tanvir-hasan **(LinkedIn)**

ABOUT ME

Highly motivated and dedicated **Frontend Developer** with one year of intensive, hands-on experience building web applications using the modern React ecosystem. Proficient in **JavaScript (ES6+), React, TypeScript, and modern styling frameworks like Tailwind CSS**. Eager to leverage a strong foundational knowledge in Software Engineering and a disciplined approach to learning to contribute immediately to a dynamic development team.

WEB DEVELOPMENT SKILL

Frontend Development

React, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Responsive Design, Component Libraries (e.g., Material-UI, Ant Design, DaisyUI)

Backend Development

Node.js, Express.js, RESTful APIs

Others

Databases: MongoDB
Authentication: Firebase Authentication, OAuth.
Tools & Platforms: Git, GitHub, npm/yarn, Webpack, Babel, VS Code.
Methods: Agile/Scrum methodologies, Deployment (e.g., Vercel, Netlify, Render).

PROJECTS

Arbor Food And Cafe

A full-stack restaurant and cafe platform developed to showcase menu items, contacts, and provide responsive user experience.
Frontend Technologies: React (Vite), JavaScript, Tailwind CSS

Key Frontend Accomplishments:
- **Modular Component Architecture:** Developed a component-based UI using React.
- **API Integration:** Successfully implemented asynchronous data fetching to communicate with the ExpressJS backend and MongoDB database, handling loading states.
- **Responsive Design Implementation:** Utilized **Tailwind CSS** to ensure a mobile-first, responsive layout, guaranteeing seamless viewing and interaction across various screen sizes.
- **Client-Side Routing:** Employed **React Router** to manage different views (e.g., Home, Menu, Contact), providing fast and intuitive navigation for the user.

Link https://arbor-food-and-cafe.web.app

MT Hotel

A dedicated hotel booking and information platform designed to provide users with a clean, responsive interface for viewing rooms and services.
Frontend Technologies: React (Vite), JavaScript, Tailwind CSS.

Key Frontend Accomplishments:
- **Rapid Development:** Leveraged **Vite** for fast setup and optimized build times during development.
- **Modern Styling:** Utilized **Tailwind CSS** to efficiently style all components and ensure a professional, utility-first design approach.
- **User Interface (UI) Creation:** Developed key UI features such as image galleries and information cards, focusing on clear data presentation.
- **Version Control:** Managed all source code changes and collaboration using **GitHub**.
- **Deployment:** Utilized **Firebase** for reliable front-end hosting and deployment

Link https://mt-hotel.web.app

WORK EXPERIENCE

Daffodil International University (DIU) Savar, Dhaka, Bangladesh

Website https://daffodilvarsity.edu.bd

Research Assistant
2020 – 2022

EDUCATION AND TRAINING

SEP 2022 – SEP 2023 Gent, Belgium

Master of Science in Business Engineering (Preparatory Course) Ghent University

Address 9000, Gent, Belgium

6 JAN 2017 – 12 JUN 2021 Dhaka, Bangladesh

Bachelor of Science in Software Engineering Daffodil International University

Address Ashulia, Savar, Dhaka, Bangladesh │ **Final grade** 3.51 out of 4 │ **Thesis** Discovering common pathophysiological processes between COVID-19 and Cystic Fibrosis by differential gene expression pattern analysis

PUBLICATIONS

Journal Publication

1. **"Systematic approach to identify therapeutic targets and functional pathways for the cervical cancer".** **Md. Tanvir Hasan,** Md. Rakibul Islam, Md. Rezwan Islam, Baraa Riyadh Altahan, Kawsar Ahmed, Francis M. Bui, Sami Azam & Mohammad Ali Moni. Journal of Genetic Engineering and Biotechnology. 2023 Feb 1;21(1):10. doi: 10.1186/s43141-023-00469-x. PMID: 36723760; PMCID: PMC9892376.

2. **"Exploring the Novel Computational Drug Target and Associated Key Pathways of Oral Cancer",** Fatema Akhter, Fawzia Haif Al Kahtani, Zainah Mohammed Sambawa, Deema Abdulrahman Alhassan, Reema Abdulaziz AlSaif, Tahsinul Haque, Mohammad Khursheed Alam *, **Md. Tanvir Hasan**, Md. Rakibul Islam, Kawsar Ahmed *, Rehana Basri. Current Issues in Molecular Biology. **2022**, *44*(8), 3552-3572; https://doi.org/10.3390/cimb44080244

3. **"Discovering common pathophysiological processes between COVID-19 and Cystic Fibrosis by differential gene expression pattern analysis", Md. Tanvir Hasan**, Lway Faisal Abdulrazak, Mohammad Khursheed Alam, Md. Rezwan Islam, Yeasmin Hena Sathi, Fahad Ahmed Al-Zahrani, Kawsar Ahmed, Francis M. Bui, Mohammad Ali Moni, *BioMed Research International*, vol. 2022, Article ID 8078259, 12 pages, 2022. https://doi.org/10.1155/2022/8078259.

HONOURS AND AWARDS

2021 Daffodil International University

Recognition of Scholarly publication in Reputed Indexed Journal

2020 Daffodil International University

Recognition of Scholarly publication in Reputed Indexed Journal