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MOHAMMAD IMRAN

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Employment

Software Development Intern	AerX Labs	Sep 2023 – Present
<ul style="list-style-type: none">Working on Flight simulator PFD-MFD (QML, C++, C#, Prepar3D): Developed IPC (Inter-process communication) server-client TCP handshake mechanisms to facilitate efficient data flow from the Prepar3D simulator.Implemented a C++ backend to seamlessly integrate with QML, enabling the development of a user-friendly interface. Demo: youtube.com/watch?v=kqeq0QYr8kQ		

EDUCATION

8.76 CGPA (BTech) Information Technology	Bengal College of Engineering and Technology	2019-23 Durgapur, West Bengal
71.03 Percentage Higher Secondary (12 th)	Mirza Ghalib College Gaya	2019 Gaya, Bihar
9 CGPA Secondary (10 th)	Gyan Bharti Public School	2017 Gaya, Bihar

Projects

- Omnifood Web Application (HTML, CSS, JavaScript): Created a highly responsive online food order and delivery frontend, featuring an intuitive user interface with seamless navigation and engaging animations. Ensured accessibility and continuous availability for users by deploying the application on Netlify.
 - Live: <https://onmifood-imran.netlify.app>
 - Code: <https://github.com/Mohammad-Imran01/Omnifood-Online-Food-Application>
- Ninja Fight PvP Game (HTML-Canvas, CSS, JavaScript): Developed a game from the ground up, offering engaging gameplay with CSS and JavaScript. Implemented real-time multiplayer action for endless entertainment and enabled player-versus-player competition. Ensured seamless performance on all computer platforms.
 - Code: <https://github.com/Mohammad-Imran01/fighting-game>
 - Live: <https://yaga-fighting-game.netlify.app/>
- Movies recommender system: (Python, EDA, NLTK): Created a machine learning-based movie recommender system hosted on Heroku and powered by Streamlit. Delivers top 5 movie recommendations based on user input with 72% accuracy score. github.com/mohammad-imran01/recommender-system
- Personal portfolio website (HTML, CSS, Javascript): Developed a responsive portfolio website hosted on Netlify, with GitHub integration for easy updates. Showcased frontend skills, professional links, and a collection of completed projects. Live - <https://imran-01.netlify.app/>

LANGUAGES AND TECHNOLOGIES

- C++(proficient). HTML-CSS, JavaScript(intermediate). Python EDA and ML (prior experience).
- OOPs, Data Structure and Algorithms, DBMS- SQL (PostgreSQL, MySQL), OS, Computer Networking.

Additional Experiences

- Recognized as a 5-star C++ and SQL certified programmer on HackerRank.
- Successfully solved over 450 LeetCode problems and numerous questions on various platforms.
- Created multiple responsive web applications using front end technologies.
- Worked on end-to-end Machine Learning Projects and Done many Data analysis and EDA.