**MOHD FARAZ**

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[Portfolio Website](https://farazzkkhan.github.io/cv1/) ● [GitHub](https://github.com/farazzkkhan) ● [LinkedIn](https://www.linkedin.com/in/mohd-faraz-46b01a219/) ● New Delhi, India

**SKILLS                                                                                                      Programming Languages:** C, C++, JavaScript, Python

**Web Development & Database:** HTML, CSS, Responsiveness, Normalization, SQL

**Development Frameworks:** Bootstrap, ExpressJs, Flask, Django, NodeJs, TailwindCSS

**Language:** English (Fluent), Hindi (Fluent)

**EDUCATION**

**Bachelor of Technology Computer Science [CSE]**

**JAMIA HAMDARD [**New Delhi, India**]**

**CGPA: 7.4/10**

**Passing year:** 2024

**Relevant Coursework**: OOPS with C++, Web Programming, D.S.A, Compiler Design

**PROJECTS**

**Password Strength Classifier:**

* Developed and implemented a robust password strength classifier using the XGBoost technique, achieving an accuracy rate of 99.10 in predicting password strength levels.
* Utilized Python for backend processing, converting input passwords into array form for analysis, ensuring efficient data handling and manipulation.
* Utilized a machine learning model trained on a dataset of password features to provide accurate predictions, enhancing the security measures of the system.
* Leveraged Flask, a lightweight web framework, to seamlessly integrate the frontend and backend components of the application.

**ChatGPT: A Friend or A Foe (Review Paper):**

* Authored a pioneering review paper that critically examines ChatGPT's role as an ally or adversary in the advancement of technology, guiding future research directions.
* Evaluated and presented a comprehensive analysis of ChatGPT's benefits and challenges, contributing to a deeper understanding within the academic and tech communities.
* Conducted an in-depth comparative study of GPT iterations 1 through 4, uncovering evolutionary trends and setting a foundation for predictive insights into future developments.
* Crafted a narrative around the evolution of generative pre-trained transformers from inception to present day, offering a visionary outlook on their potential societal and technological impacts.

**Fuel Prices Tracker (Work in Progress):**

* Developed the innovative Fuel Prices Tracker web application, leveraging Flask and JavaScript technologies; integrated API functionalities to provide users with up-to-date fuel pricing information nationwide, optimizing decision-making processes for consumers and businesses.
* Implemented advanced algorithms based on thorough analysis of research papers to ensure the accuracy and reliability of fuel price retrieval and presentation, enhancing user confidence in the provided data.
* Demonstrated expertise in full-stack development by seamlessly integrating the Flask backend framework with JavaScript frontend, resulting in a user-friendly interface and efficient data visualization within the Fuel Prices Tracker.

**Chatting Application:**

* Spearheading the development of a cutting-edge real-time chatting application using MERN Stack technologies, Node.js, React.js, Express.js, and MongoDB.
* Implementing JWT-based user authentication and authorization mechanisms to ensure secure access and protect user privacy.
* Appling the power of Express.js on the backend to establish a robust server infrastructure capable of handling user requests and managing the intricate logic of the chat application.
* Utilizing MongoDB as the primary database solution to efficiently store and manage critical data, including user information and chat history, ensuring seamless scalability and performance.
* Integrating Socket.IO to facilitate real-time communication between the frontend and backend components, enabling essential features such as instant messaging and real-time user status updates.

**EXPERIENCE**

**GOOGLE DEVELOPER STUDENT CLUBS (GDSC)**

**[Jamia Hamdard, New Delhi]**

Member

* Actively participated in GDSC activities, including workshops, seminars, and projects, enhancing technical skills and fostering teamwork.
* Enhanced interpersonal abilities through regular interaction with club members and organizing team meetings.
* Exhibited troubleshooting skills during an event by promptly resolving the college Wi-Fi issue, ensuring uninterrupted access for all fellow students.