

Bhuiyan Shadman Wasif

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EDUCATION

San Francisco Bay University

Master of Science in Computer Science

CGPA: 3.94 / 4.0

Fremont, CA

Sept. 2022 – April 2024

Independent University, Bangladesh

Bachelor of Science in Computer Science and Engineering

CGPA: 3.78 / 4.0

Dhaka, BD

Sept. 2017 – Dec 2021

EXPERIENCE

Frontend Intern

Frontend Simplified

May 2023 – Present

Remote

- Transformed a completely static HTML, CSS, JavaScript, and React single-page application into an interactive userinterface using animations, transitions, and carousels.
- Processed API requests with Axios to automatically fetch and represent data from a cloud server through skeletonloading states, pagination, and dynamic routing, enhancing user experience and improving data visualization.
- Collaborated with virtual team members using Git version control and the GitHub interface to seamlessly integratecode, manage versions, and maintain a project with over 100,000 lines of code.

Graduate Teaching Assistant

San Francisco Bay University

Aug. 2023 – Present

Fremont, CA

- Evaluated and graded assignments for over 30 students per class, ensuring fair assessment and timely feedback.
- Assisted in improving students' understanding of complex algorithm topics, resulting in an average of 15% improvement in their grades.
- Scheduled weekly TA hours to answer students' questions related to the course

PROJECTS

Real-Time Chat App / [Website](#) / [GitHub](#)

- Developed a real-time chat application using **React** for the frontend and **Firebase** for the backend, resulting in an average of **1000** messages sent daily.
- Ensured user data **security** with Firebase **Authentication**, resulting in zero security breaches.
- Leveraged **Context API** to facilitate user account creation, friend management, and seamless real-time messaging.
- Implemented a **useReducer** to efficiently manage chat-related state, simplifying complex updates when users select chat partners.

Online Library / [Website](#) / [GitHub](#)

- Developed a dynamic web application using **React.js**, enhancing user experience and engagement by 25%.
- Utilized React **Router** for effective routing and page navigation within the application, improving page load times by 15%.
- Incorporated **useState** and **useEffect** hooks for state management and side effects handling.
- Implemented a skeleton loading state for improved user experience during data fetching.

Cinamate Universe / [Website](#) / [GitHub](#)

- Utilized the OMDB **API** to fetch movie data dynamically.
- Implemented sorting options for user-friendly movie selection.
- Developed a toggle feature for enhanced accessibility.
- Enhanced user experience with a loading spinner during data retrieval.

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, SQL, Java, HTML/CSS

Frameworks: React, Node.js, JUnit, WordPress

Developer Tools: Git, Docker, AWS, Visual Studio Code, NetBeans, IntelliJ, Eclipse

Libraries: pandas, NumPy