MD SOLIMAN HOSSAIN

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Skills

- JavaScript | Python | C++ | HTML | CSS | SQL
- ReactJS | Next.js | Tailwind | Git | Pandas | Matplotlib
- Data Structures | Algorithms | OOP | Problem Solving | Debugging
- Windows | Debian | Arch | PowerPoint | Excel | Google Docs | Latex
- Idea Developing | Effective Communication | Team management | Research and Analysis

Education

Master of Science	**Jahangirnagar University**	*Savar, Dhaka*	05/2022 – 12/2023

- Information and Communication Technology (CGPA 3.32 out of 4.00)

Bachelor of Science	**Jahangirnagar University**	*Savar, Dhaka*	04/2017 - 03/2022

- Institute of Information Technology (CGPA 3.22 out of 4.00)

Projects

- **Cine Rental Service:** In this project next.js frameworks used for build API and frontend webpage. Here used core concepts of router.js, middleware, intercepting and parallel routing, internationalization, more. The home page contains a movie list of popular, favorite, trending with cart items also dark and language switcher, and on single page contains details about movie. One can add or remove movies to cart.

- **React Blogify:** This is a blog website build with react library. In this project user can make blogpost with title, tag, contains and thumbnails where other user can comment like and make favorite of any post. Users can edit or delete their own posts. Also, he/she can add user profile and bio which another user also can see. Here this project HTML template and API provided by LWS. Using base template and API this project makes reactive using react. In development phase also used react router v6 for routing, react form hook for handling forms, axios to fetch data to handle states. Different Custom hooks, protected route, context api, use reducer actions, error handle, utility function and may more.

- **Stock Market Analysis Using Twitter Sentiment:** The study was to connectivity bounded by the recent timeline from 2020 and the stock market of research. In this study, me and my team-mates used sentiment analysis to predict stock market ups-downs and use twitter data that is taken from Twitter. We proposed there a completely unique topic modeling throughout sentiment scoring methods. Our proposed model had been designed to function as a number one indicator to serve in recession prediction models. The work was predicated on our hypothesis that including such a sort of sentiment indicator, with unstructured data aggregated from Twitter trending posts. This shall be significant in improving prediction capabilities of stock market DJIA value.

- **Online Student Evaluation Environment:** Develop a web app where teachers can set MCQ, assignments and written exam paper question, which will be auto calculate mark when student solve exam paper and assignment. Then it will be added to the student marksheet, which can be seen and modify ability will be on teacher's hand. Students can attend exams and solve assignments, also check previous exam marksheet. The registrar can check question sets, also can admit student and teacher. For assignment and exam paper marking system QCR used to convert pdf to text, then check grammar and similarity between lecture topic and answers using Euclidean distance and Jaccard index scores.

Courses

- **ReactJS | Next.js (LearnWithSumit):** Learn about frontend web development on Modern JavaScript Programming with React library and Next.js Framework. Which includes create components that handle interactions and render different output over time with conditional rendering, managing state and escape hatches, routing, data managing. Also get hands-on experience with real-life **Assignments, Projects**.

- **Python | Git (Coursera):** Experience with programming concepts through interactive exercises and real-world examples. Learn data structure and algorithms along with object-oriented tasks with CLI tools and build some GUI applications. Doing arithmetic operations and scientific analysis of dataset. Also learn about version control management where used git technology and GitHub services.

- **Power Point (SkillHunt):** Identify the names and functions of the PowerPoint interface, create, edit, save, and print presentations. Format presentations, add a graphic to a presentation, create and manipulate simple slide shows with outlines and notes. Create slide presentations that include text, graphics, animation, and transitions and use design layouts and templates for presentations.

Others

- **IEEE Jahangirnagar University:** Student Branch Committee Member and Web Designer (Session 2019-2020).