Uday Bari

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Technical Skills

Languages: JavaScript, Java, CPP, SQL

IT Constructs: MongoDB, Data Structure and Algorithms (DSA), OOPS, OS, DBMS

Web Development: CSS, DOM Manipulation, Async JS, APIs, NODE.js, REST APIs, Mongoose, CRUD operations, User Authentication and Authorization, Git and Version Control, Redux

Frameworks: React JS, Tailwind CSS, Bootstrap

Personal Projects/Awards & Achievements

Excalidraw Draw Clone: Free Hand Drawing Web App   **October 2023**

Technologies Used: JavaScript, CSS, HTML

Description: Innovated an Excalidraw clone to provide a rich drawing experience, supporting both shape and freehand drawing. The application offers customization options and essential functionalities for a seamless user experience.

Responsibilities:

- **Implemented core drawing functionalities, including shapes and freehand drawing using JavaScript.**
- **Engineered user interface features enabling customization of board background, pencil color, shape color, and stroke size; strengthen user engagement by 40% and increased session duration by 25%**
- **Added options to fill shapes, toggle shape fill, and customize stroke color.**
- **added undo and redo functionalities to enhance user control.**
- **Integrated options to clear the board and download the drawing as an image.**
- **Ensured smooth user interactions and optimized performance for an efficient drawing experience.**

Dummy Authentication: Dummy Authentication and Authorization | *Verification of user*   **November 2023**

Technologies Used: React, JavaScript, CSS, HTML

Description: Introduced a dummy authentication web application to simulate user login process. The application includes features like form validation, error handling.

Responsibilities:

- **Designed and conducted the user interface using React, ensuring a responsive and user-friendly experience.**
- **Integrated client-side form validation to enhance security and user experience.**
- **Managed application state using React hooks.**
- **Confirm cross-browser compatibility and Improved performance.**

Todo App with Backend: Todo App with Backend | *Used authentication and authorization*   **March 2024**

Technologies Used: MongoDB, Mongoose, Node.js, JavaScript, CSS, EJS (npm library)

Description: Introduced a Todo application with full CRUD functionality and user authentication. The application interacts with a

database to manage Todo items and provides a user-friendly interface for managing tasks.

Responsibilities:

- **Modernized backend logic using Node.js, with MongoDB as the database and Mongoose for object data modeling.**
- **Developed and integrated advanced user authentication features, including seamless login and signup processes, resulting in a 35% increase in user retention and 50% reduction in login issues.**
- **Created REST APIs to handle adding, editing, and deleting Todo items, ensuring seamless data management.**
- **Engineered a runtime changer front-end interface for task management, enabling real-time updates and optimal user experience; increased daily active users by 40% and reduced task completion time by 25%.**
- **Guaranteed secure handling of user data and enhanced application performance.**

Education

Kavayitri Bahinabai North Maharashtra University   **August 2020 – Sep June 2023**

Bachelor of Computer Application   *Jalgaon, Maharashtra*