

VARUN PANDEY

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Skills

JavaScript | ReactJS | Html | CSS | Web Design | UI Design | Bootstrap | NodeJS | MongoDB | MySQL | Git | Github .

Familiar with: C | C++

Projects

RemindBook Notes

Aug'23

A comprehensive web application, using the **MERN** stack (**MongoDB, Express.js, React, Node.js**).

- Registered users can **add, edit** and **delete personal notes**.
Demonstrated knowledge in both front-end and back-end development.
- API Development and Quality Assurance: Designed and implemented a **robust** back-end API with Express.js.
Testing and validation procedures, including ThunderClient, to ensure the **API's security**, performance and reliability.
- Integrating it with a MongoDB database to handle user data and notes.
- User-Centric Features and Security: Prioritized user experience by implementing **React hooks**.
Security measures, including password hashing with **hash, salt, and pepper** techniques, ensuring data protection.

NewsRabbit

July'23

News application using **React.js** for the front-end and integrated with a third-party **news API**.

- Designed an intuitive and **responsive user interface** with Bootstrap, offering **categorized news** reading.
- React hooks for **dynamic content loading**, integrated **infinite scroll**, and **top-loading bar** to enhance user experience.
- PropTypes** for type checking and validation, ensuring code robustness and maintainability.
- Accessing and consuming third-party APIs by **securely hiding the API key** through custom environment variables.

ViewTube

Sep'23

YouTube clone using **React.js**, featuring a user-friendly interface that mimics **80%** of the original YouTube platform.

- State management by implementing **Redux**, enabling centralized control of application data.
- Axios** for making **asynchronous** requests to retrieve YouTube video data and integrated hooks for efficient **data handling**.
- Leveraged React hooks for functional components, **enhancing code** maintainability and performance.

BlackJack Game

Apr'23

A Website using **HTML, CSS and JavaScript** for an interactive Blackjack game.

- The game provides a Dynamic user experience by **rendering** card images and updating the game state in real time.
- Responsive design, including **media queries**, to ensure optimal user experiences on various devices and screen sizes.

Education

Christian Eminent College, DAVV, Indore(M.P), India

2017 - 2020

- Bachelor of Science (B.sc) in Computer Science | **Aggregate: 62.18%**

Vandna Vikas Vidya Mandir H S School, Rewa (M.P), India

- MPBSE (Class XII)**.

Maharishi Vidya Mandir, Rewa (M.P), India

- CBSE (Class X)**.

Declaration

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.