

Description

I would like to share with you the technologies I utilized in my webpage project.

Frontend:

- I employed the React library to build the frontend components of the webpage. React's component-based architecture facilitated the creation of reusable and modular UI elements, resulting in a more maintainable codebase.
- Additionally, I utilized Bootstrap, a CSS framework, to enhance the design and responsiveness of the webpage. Bootstrap's pre-built components and grid system allowed for rapid development and ensured consistency across different screen sizes.

Backend:

- For the backend development, I leveraged Node.js, a runtime environment for executing JavaScript code outside of a web browser. Node.js enabled me to build scalable and efficient server-side applications, providing a seamless experience for users interacting with the webpage.
- I integrated Mongoose, an Object Data Modeling (ODM) library for MongoDB and Node.js, to interact with the MongoDB database. Mongoose simplified the process of defining data schemas, performing database operations, and managing relationships between data entities.
- Express, a minimal and flexible Node.js web application framework, was utilized to streamline the development of RESTful APIs and handle routing, middleware, and other server-side functionalities.

By utilizing these technologies, I aimed to create a modern and user-friendly hotel webpage that effectively caters to the needs of its users.

Note:

For running and testing the server, please download the node-modules folder for both the frontend and backend. Then, open the terminal and run the **npm run dev** command to start the project. When you run it from the backend, you can find the page on port 5001.