KEERTHANA DURAISAMY

✉ CONTACT

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Github
My GitHub Profile

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⚙ TECH STACK

- Java Script
- Html,Css
- Bootstrab
- MUI
- ReactJs
- My Sql
- MongoDb
- NodeJs
- Express
- GitHub

🌐 LANGUAGE

- Tamil
- English

MERN STACK Developer

👤 ABOUT ME

Qualified **Full Stack Developer** familiar with wide range of programming utilities and languages. Knowledgeable of backend and frontend development requirements. Handles any part of process with ease. Collaborative team player with willingness to learn in and grow with the organization.

🎓 EDUCATION BACKGROUND

2014 - 2016 — SVG Girls Higher Secondary School

2016 - 2019
Bachelor Of Computer Application — APA women's Arts and Science College.

2022-2023
MERN Stack Developer — GUVI Geek Network & IIT M Research Park, Chennai.

💼 MY PROJECTS

- **JavaScript Project**
- **Rest Countries & Weather-Project - JavaScript**
- **GitHub Link || Live URL**
- **Tech Stack   : JavaScript | Bootstrap**
- **JavaScript   :** For scripting and manipulating the DOM.
- **Bootstrap   :** For Styling and Responsive design the user interface.
- **·Fetch API   :** for making asynchronous network requests to fetch weather data.
- **Functionality :** Use the Fetch API to retrieve weather data from an external API (Open Weather Map) by providing the country name as a query parameter.

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Todo App - MERN

- **GitHub Link : <u>Front End</u> || <u>Back End</u> || <u>Live URL</u>**
- **Tech Stack: React.JS | Node.JS | Express.JS | Bootstrap | Database: MongoDB**
- The project involves implementing a Mongo DB (No SQL) database to store and organize user-specific tasks. I integrated RESTful APIs to enable seamless communication and data exchange between the client-side application and the server. I utilized Webpack and Babel for build process.
- For back-end I used Express.js in Node.js for routing and middleware, while adopting the MVC (Model-View-Controller) architectural pattern. With the model handling data and business logic, the view rendering the user interface, and the controller managing user inputs and data flow.
- For front-end I utilized React.js along with Redux for efficient state management & React Dev Tools for effective debugging during the development process. Bootstrap framework to work on the user interface (UI) and create a responsive web design.

Equipment-Rental-Portal - MERN

- **GitHub Link : <u>Front End</u> || <u>Back End</u> || <u>Live URL</u>**
- **Tech Stack: React.JS | Node.JS | Express.JS | CSS | Database: MongoDB**
- The project users can browse and interact with various equipment available for rent. The React frontend provides an intuitive and interactive user interface, allowing users to easily view details about different equipment items.
- For backend, the Node.js and express.js combination manages the data flow and business logic. It handles user requests, communicates with the MongoDB database, and provides the necessary APIs for frontend functionality. Express.js helps in creating a structured and organized API architecture for routing and handling various operations related to equipment rental.
- For the database MongoDB stores information about equipment, users, rental transactions and related data. This NoSQL database is flexible and allows efficient handling of structured and semi – structured data. CSS framework to work on the user interface (UI) and create a not a responsive web design.