MADHUMITHA K P

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📍 Cochin

🐙 https://github.com/madhumila

SKILLS

- React.js
- Javascript
- Redux
- HTML & CSS
- Material-UI
- Fundamentals of Node.js
- SQL
- MS-Excel

EDUCATION

SECONDARY SCHOOL

Kerala State Board

2009
85.83 %

BACHELOR OF TECHNOLOGY (EEE)

Sree Narayana Guru College of
Engineering & Technology

2009-2013
74.39 %

MASTER OF ENGINEERING (POWER SYSTEMS)

Govt, College of Technology,
Coimbatore

2014 - 2016
8.67 cgpa

Seasoned React Developer with 1 year of intensive experience tackling complex projects from day one. Skilled in HTML, CSS, React.js, Redux, and Material-UI, dedicated to continuously refining expertise in crafting dynamic and responsive user interfaces.

WORK EXPERIENCE PROJECTS

STUDENT'S COGNITIVE ABILITY ASSESSMENT SOFTWARE

As the sole frontend developer, I took ownership of the complete frontend development process for SPELL LADDER project, Ladder is a comprehensive platform designed to analyze students' mental and basic academic abilities from A to Z, encompassing assessments starting from the mother's physical condition during pregnancy.

- Implemented a login system with two layers: administrators and subscribers.
- Administrators have the authority to grant access to subscribers.
- Developed a student registration form with fields for basic details, including the ability to upload a photo.
- Implemented a feature for manually and automatically assigning unique identification numbers (fine numbers) to registered students.
- Created an inbox page to view registered student details.
- Developed a dynamic summary generation feature allowing clients to customize field names and input types (text box, text area, checkbox, multi-checkbox, dropdown).
- Implemented nested questions functionality, enabling students to complete additional assessments based on selected boards (e.g., Malayalam, English, Hindi).
- Designed a preview and report generation system, allowing users to generate PDF reports summarizing the entered information.
- Enabled users to filter and search reports based on various criteria such as school, student name, and file number, providing enhanced accessibility and ease of navigation through the system's data.

EXPERIENCE

React Developer,

CODEFOLKS TECHNOLOGIES,

Infopark, Kochi

(August 7th 2023 - Present)

Assistant Professor,

Karpagam College of Engineering,

Coimbatore

(June 2016 - May 2020)

CERTIFICATIONS

Certificate course in React

Rogersoft, Kochi

(February 2023 - April 2023)

PERSONAL PROJECTS

SHOPPING CART

- Created a shopping cart application using React and node.
- Implemented product listing functionality, allowing users to view and browse available products on a webpage and can add a product to the cart.
- Created a cart page where users can update the quantity, and remove items from their cart.
- Demonstrated proficiency in working with arrays, finding items by ID, and managing state within the application using redux tool kit.

MOVIE COLLECTION APP

- Developed a Movie Collection application using React that allows users to browse and discover movies from a vast collection. Integrated with popular movie database APIs TMDb, to fetch movie data including titles, release dates, genres, ratings, and cast information.
- Utilized React Router for seamless navigation between movie details, search results, and watchlists. Employed React state management to efficiently update the UI with fetched data.
- Made use of API authentication techniques, such as API keys or token-based authentication, to securely access the movie database APIs

USER CONNECT

Developed a full-stack web application for user management using React and JSON Server with authentication. The application allows users to register, login with JWT authentication, edit their profiles, and view a list of users with delete functionality. JSON Server was utilized as the backend to handle API requests and provide the authentication functionality.

Key Features:

- User registration with basic details (username, email, password)
- JWT authentication for secure login.
- Profile editing functionality.
- List of users with delete option.
- Provision for downloading users list in xlsx format.

May 13, 2024

Kochi, India