

# VIGNESH BL

MERN FULL STACK DEVELOPER

## CONTACT

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📍 Coimbatore

## SKILLS

- HTML, CSS, JavaScript
- Bootstrap
- Tailwind CSS
- React
- NodeJs
- ExpressJs
- MongoDB
- MySQL
- Frontend Developer
- Backend Developer
- Mern Stack Developer
- Full Stack Developer
- Fresher Web Developer

## EDUCATION

### MBA

**KPR School of Business**  
**Coimbatore.**

2011 - 2013

### BCA

**SNR Sons College,**  
**Coimbatore.**

2008 - 2011

## CERTIFICATION

Zen class Full Stack Developer  
Program @**GuviGeeks**

## PROFILE

As a dedicated and passionate MERN Stack Developer, My expertise lies in developing full-stack applications using MongoDB, Express.js, React.js, and Node.js.

## TECHNICAL EXPERTISE

**FrontEnd** : HTML, CSS, JavaScript, React, Bootstrap, Tailwind CSS

**BackEnd** : NodeJs, ExpressJs

**DataBase** : MongoDB, MySQL

## PROJECTS

### 1. Role Based Access Control Application

(ReactJS, NodeJs, ExpressJS, MongoDB)

- **Role Assignment:** Users are assigned roles based on their job responsibilities, and each role has specific permissions that determine what resources and actions users can access within a system.
- **Principle of Least Privilege:** RBAC follows the principle of least privilege, ensuring admin only have access to the information and functions necessary for their roles, reducing the risk of unauthorized access and potential security breaches.
- **Simplified Management:** By grouping permissions into roles, RBAC simplifies user management, making it easier to administer access rights, onboard new employees, and comply with regulatory requirements by providing clear and organized access controls.

**Deployment URL :**

<https://splendid-empanada-e910f9.netlify.app/>

### 2.Shopping Cart

(ReactJS)

- **State Management:** Use React's state management (like useState or a global state management library like Redux) to keep track of the items in the cart. Create a cart state that holds an array of products, each with properties such as ID, name, price, and quantity.
- **Add to Cart Handler:** Create a function that adds items to the cart. This function should take the product details as arguments, check if the item already exists in the cart, and either increment the quantity or add it as a new item.
- **Display Cart:** Create a cart component that displays the items added to the cart, showing details like product name, price, and quantity. Include functionality to update quantities or remove items, and ensure it reflects the current state of the cart.

**Deployment URL :** <https://reliable-longma-eed964.netlify.app/>