

# Rajendran V - (BSc Computer Science)

Full stack developer - MERN

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## Professional Summary :

Full Stack Web Developer with an expertise in HTML, CSS, JavaScript, jQuery, Bootstrap, Tailwind CSS and Node.js, Express.js, MongoDB, and React.js. Skilled in developing responsive and scalable web applications and RESTful APIs. Well versed in building dynamic UIs and database integration for smooth functionality. An engineer focused on writing quality code and solving problems. Team player, delivering quality projects on time. Technology and innovation enthusiast that drives user experiences with passion.

## Technical tools :

- **Frontend development:** Responsive UI with Html, CSS, JavaScript, jQuery, Bootstrap, React, Tailwind CSS.
- **Backend development:** Developed with Node.js and Express.js to initiate APIs, button handling and also login & logout authentication.
- **Database development:** Used MongoDB, along with Mongoose for efficient data management.
- **Version Control:** Used Git and GitHub for version control and collaboration.
- **Deployment Tools:** Updated the frontend on Vercel and the backend on Render.
- **Development Tools:** Used VS Code for coding and debugging efficiently.

## Description :

Passionate about full stack development. It was my mini project in college that sparked my interest in full stack development and made me take a full-fledged full stack web development course at Salem Live wire Institute. Since the start of this course, my experience with different programming languages like HTML, CSS, JavaScript, jQuery, Bootstrap, Node.js Express.js, Tailwind CSS and React has been proven a lot. I have been able to implement these skills to accomplish multiple projects and establish significant technical skills as a result.

## Certification :

Full Stack Development – MERN ( 2024 )

### What I Learned from Full Stack Development Certificate:

- Created interactive websites using HTML, CSS, JavaScript, jQuery, Bootstrap, Tailwind CSS and React.
- Built servers and APIs with Node.js and Express.js for backend development.
- Managed data with MongoDB to create dynamic applications.
- Used Git and GitHub for version control and collaborating on projects.
- Deployed applications online using Render, and Vercel.

## Projects :

### To-Do List Application:

**Tools :** React, Express, MongoDB, Responsive Design.

### Key features :

- **User-friendly Interface** : Easy to use, with clear options for adding, editing, and deleting tasks.
- **React for Frontend** : Makes the app fast and interactive by updating tasks without refreshing the page.
- **Express for Backen** : Handles task-related actions like adding, updating, and deleting tasks.
- **MongoDB for Data Storage** : Stores tasks in a flexible, easy-to-scale database.
- **Task Management** : Lets users add, update, and remove tasks to stay organized.
- **Responsive Design** : Works well on both desktop and mobile devices.
- **Repository & Live Execution** :
  - [Repository](#)
  - [Live Execution](#)

### E-Commerce Cloth Shop :

**Tools** : React, Stripe, Responsive Design.

### Key features :

- **User-Friendly Store** : The store is easy to browse, with clear categories to help you find clothes quickly.
- **React for frontend** : React makes the site load quickly and smoothly as you shop.
- **Stripe for Payments** : Stripe handles payments, making checkout safe and easy.
- **Responsive Design** : The store works perfectly on phones, tablets, and computers.
- **Product Management** : View products, add them to your cart, and check out with ease.
- **Secure Checkout** : Stripe ensures your payment information is secure during checkout.
- **Repository & Live Execution** :
  - [Repository](#)
  - [Live Execution](#)

### Education :

Salem Sowdeswari college - BSc Comupter Science - ( 2024 )