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# VISHNU SHANKAR R H

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## PROFESSIONAL SUMMARY

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- MERN Stack Developer with strong hands-on experience in React.js, Node.js, Express.js, and MongoDB, specializing in building responsive, scalable, full-stack web applications.
- Solid front-end development expertise using HTML5, CSS3, JavaScript, Tailwind CSS, Bootstrap 5, and React.js, Redux.
- Experienced in building RESTful APIs, handling backend logic, authentication, and database operations using Node.js + Express.js + MongoDB.
- Skilled in creating reusable UI components, state management, data integration using Fetch API, Axios, and localStorage, Cookies persistence.
- Strong understanding of modern UI/UX practices, responsive design, and cross-browser compatibility.
- Passionate about writing clean, maintainable code, optimizing performance, and contributing effectively in agile team environments.

## SKILLS

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- **Front-End Development** : React.js, Redux, Bootstrap 5, Tailwind CSS, HTML5, CSS3, JavaScript
- **Back-End Development** : Node.js, Express.js
- **Database** : MongoDB, Mongoose, CRUD Operations
- **Core Web Skills** : Responsive Web Design, DOM Manipulation, State Management.
- **Other Programming Languages** : Java, Python (Basic)
- **Tools** : Git, GitHub, Figma, Chrome & redux DevTools, Microsoft Tools
- **Soft Skills** : Teamwork, Communication, Problem-Solving, Adaptability

## PROJECT

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### E-Commerce Web Application

[Git Hub](#) [Live Project](#)

Developed a full-stack e-commerce platform using **React, Redux, Node.js, Express.js, and MongoDB** with secure **JWT authentication, role-based access control, Cookies, bcrypt** and protected routes. Implemented **product and category management, search and filter functionality, add-to-cart, wish list, order processing, and payment workflow**. Built a **fully responsive UI** using **Tailwind CSS** and **ShadCN UI**, with optimized global state management, **RESTful APIs**, and efficient client-server communication

### Gym Management System

[Git Hub](#) [Live Project](#)

I developed a full-stack Gym Management Web Application using **React.js, Node.js, Express.js, and MongoDB**, styled with **Tailwind CSS**. The application includes secure **user authentication** with **JWT** and **cookies**, an **admin dashboard** for managing users, trainers, and schedules, and user profile management. It features trainer listing, session scheduling, and a contact system integrated with **Nodemailer** for email notifications. This project demonstrates my ability to build scalable **MERN applications** with secure **authentication, RESTful APIs**, and a **responsive, modern user interface**

## EDUCATION

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- **Bachelor of Commerce in Computer Applications – 7.3 CGPA** 2022 - 2025  
Tagore College of arts and science affiliated to the Madras University

## LANGUAGE PROFICIENCY

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- English
- Tamil