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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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| ➤ <b>Front-End Development</b>       | : React.js, Redux, Bootstrap 5, Tailwind CSS , HTML5, CSS3, JavaScript |
| ➤ <b>Back-End Development</b>        | : Node.js, Express.js  |
| ➤ <b>Database</b>                    | : MongoDB, Mongoose , CRUD Operations                                  |
| ➤ <b>Core Web Skills</b>             | : Responsive Web Design, DOM Manipulation, State Management.           |
| ➤ <b>Other Programming Languages</b> | : Java, Python (Basic)   |
| ➤ <b>Tools</b>                       | : Git, GitHub, Figma, Chrome & redux DevTools , Microsoft Tools        |
| ➤ <b>Soft Skills</b>                 | : 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 Mongo DB** 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, **REST ful 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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| ▪ <b>Bachelor of Commerce in Computer Applications – 7.3 CGPA</b>      | <b>2022 - 2025</b> |
| Tagore College of arts and science affiliated to the Madras University |                    |

## LANGUAGE PROFICIENCY

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- English
- Tamil