SARAVANAN

MERN STACK DEVELOPER

31 Malligai Nagar Extension Pudukkottai | saran.tech.dev@gmail.com |
PortFolio - https://react-portfolio-xids.vercel.app/

SUMMARY

Enthusiastic MERN Stack Developer with hands-on experience in building full-stack web applications using MongoDB, Express.js, React.js, and Node.js. Skilled in designing RESTful APIs, implementing authentication systems, and developing responsive user interfaces. Passionate about writing clean, scalable code and continuously improving development skills.

TECHNICAL SKILLS

Frontend:
- React.js
- JavaScript (ES6+)
- HTML5
- CSS3
- Bootstrap

Backend:
- Node.js
- Express.js
- REST API Development
- JWT Authentication

Database:
- MongoDB
- MySQL (Basic Knowledge)

Tools & Platform:
- Git & GitHub
- Postman
- VS Code
- XAMPP

PROJECTS

Full Stack E-Commerce Web Application (MERN Stack)

Tech Stack: React.js (Vite), Node.js, Express.js, MongoDB, JWT

- Developed and deployed a scalable MERN stack E-Commerce application with RESTful APIs, JWT-based authentication, role-based authorization, and secure password hashing (bcrypt).
- Implemented dynamic product management, cart functionality, and admin CRUD operations with responsive UI, optimized state management, and seamless frontend-backend integration.

Custom Promise Implementation Library (JavaScript)

Tech Stack: JavaScript (ES6+)

- Engineered a custom Promise implementation replicating native JavaScript Promise behavior, including state management (pending, fulfilled, rejected) and method chaining (then, catch, finally).
- Designed asynchronous execution handling and callback queuing mechanism to demonstrate in-depth understanding of the JavaScript event loop and microtask processing.

EDUCATION

Bachelor of Computer Science And Engineering   **NOV 2021 - JULY 2025**

Mount Zion College Of Engineering And Technology
- Relevant coursework in Core Computer Science and Project Handling techniques.

ADDITIONAL INFORMATION

- **Languages:** English and Tamil.
- **Certifications:** Mern Stack Certification (UK INFO TECH) With 6 Months Internship.