

DHEENU S

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EDUCATION

Master of Computer Applications (MCA)

August 2022 - March 2024

Jamal Mohamed College, Tiruchirappalli | Percentage: 77.86%

Bachelor of Computer Applications (BCA)

June 2019 - March 2022

Jamal Mohamed College, Tiruchirappalli | Percentage: 78.4%

PROJECTS

Tech Trio (E-Commerce application)

- Developed a React-based e-commerce platform featuring 3 product categories (Smartphones, AirPods, and Smartwatches) using React.js, implementing **component-based architecture** and **single-page application** principles.
- Engineered global state management using **React Context API** and **React Hooks** (useState, useEffect, useRef, useContext) for cart functionality, user preferences, and cross-component data sharing.
- Implemented **RESTful API integration** with Axios for CRUD operations, consuming data from **db.json** hosted on the mockapi.io platform. Utilized **React Router v6** with dynamic routing (useNavigate, useParams) and implemented **lazy loading** for optimized image rendering/component loading.
- Designed responsive UI with **Tailwind CSS**, achieving 100% mobile-first compatibility across devices.
- Optimized code through **code splitting** and **async data fetching**.
- Tech Stack: React.js, JavaScript, React Router v6, Rest APIs, Context API, and Tailwind CSS.
- <http://tech-trio.netlify.app>

Hotel Dheen (Hotel Reservation System)

January 2024 - March 2024

- Designed and developed a full-stack **hotel reservation** web application with a user-friendly interface and seamless booking management.
- Implemented **real-time reservation tracking** using **MySQL**, ensuring efficient data storage and retrieval.
- Optimized database queries and structured **data handling** to enhance performance and reliability.
- Tech Stack: PHP, SQL, MySQL, JavaScript, Tailwind CSS, HTML5, and CSS3.
- <http://hotel-dheen.lovestoblog.com/>

Frontend UI/UX Clones

- **WhatsApp Desktop Clone**: Developed a front-end replica of WhatsApp Desktop, emphasizing **UI/UX accuracy** for large-screen laptops.
- **Google Gemini AI Clone**: Developed a front-end clone of Google Gemini, ensuring layout consistency with the original for **large-screen** laptops.
- Tech Stack: JavaScript, Tailwind CSS, CSS3, and HTML5.
- Google Gemini AI: <https://gemini-design-clone.netlify.app/>
- WhatsApp Desktop: <https://whats-app-dheen.netlify.app/>

Portfolio Website

- Designed and developed a **personal portfolio website** to showcase front-end projects and technical skills.
- Implemented a modern, responsive design for seamless navigation.
- Tech Stack: JavaScript, Tailwind CSS, CSS3, and HTML5.
- <https://dheenus.github.io/portfolio/>

TECHNICAL SKILLS

- Languages: React.js, JavaScript, HTML5, and CSS3.
- Framework & Libraries: Tailwind CSS.
- Development Tools: Git, GitHub, Visual Studio Code.

CERTIFICATIONS

HackerRank

- JavaScript (Basics) | <https://www.hackerrank.com/certificates/9cb6f87996ee>

Udemy

- JavaScript for Beginners | <https://www.udemy.com/certificate/UC-5eba63f3-173a-44a2-ad6c-69340bb6021e/>
- React.js Course for Beginners | <https://www.udemy.com/certificate/UC-3fc7739d-c652-42fb-918f-101ea2e6e970/>
- CSS & JavaScript Crash Course | <https://www.udemy.com/certificate/UC-5304699d-cb09-47fa-80d9-d67d32432054/>
- Web Design - Beginner to Advanced | <https://www.udemy.com/certificate/UC-f61ea0e7-ce85-43ad-9c45-849ece0f620e>