

Projects

Admin Dashboard

Apr 2025

- Built a feature-rich admin dashboard using React.js and Tailwind CSS to manage city attractions, and cuisines.
- Integrated RESTful APIs with Node.js and Express.js, enabling smooth data CRUD operations with MongoDB backend.
- Implemented lazy loading, image optimization, and minimized render-blocking scripts, reducing page load time by 40%.
- Ensured full responsiveness across all devices using mobile-first design principles and adaptive layout components.
- Deployed the full-stack application on Render, ensuring 99.9% uptime with smooth CI/CD for backend and frontend services.

Tech Stack: React.js, TailwindCSS, Node.js, Express.js, MongoDB

Real-Time Group Chat Application

Mar 2025

- Developed a real-time group chat application using MERN Stack & Socket.io, enabling instant messaging for 100+ users.
- Implemented WebSockets, ensuring real-time message delivery with sub-100ms latency.
- Designed a MongoDB schema optimizing data storage and retrieval, improving message fetch speed by 30%.
- Integrated JWT authentication, securing user logins and reducing unauthorized access attempts by 95%.
- Adding push notifications and location-based alerts, reducing response time to civic issues by 50%.
- Optimized Socket.io event handling, reducing server resource usage by 25% through efficient connection management.

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.io, JWT, Render, JavaScript

Portfolio: [Click here to view my portfolio](#)

Mar 2025

- Developed a personal portfolio website using React, Nodemailer, and TailwindCSS to showcase skills, projects, and contact.
- Implemented a responsive design with TailwindCSS, ensuring an optimal user experience on different devices and screen sizes.
- Integrated smooth scrolling and interactive animations, improving the visual appeal and user engagement using React libraries.
- Built a contact form with email integration using Nodemailer, enabling users to easily reach out.

Tech Stack: React, Nodemailer, TailwindCSS, Node.js

WishCart

Dec 2024

- Developed WishCart, an e-commerce platform's component for managing product carts with CRUD operations.
- Built the front-end using React and Chakra UI for an intuitive and responsive user interface.
- Implemented Node.js and Express for scalable back-end API development with MongoDB.
- Designed a flexible MongoDB schema for efficient data storage and retrieval, optimizing cart management functionality.
- Integrated user authentication and session management, allowing secure and personalized cart experiences.

Tech Stack: React, Chakra UI, Node.js, Express, MongoDB, JavaScript

Certificates

- | | |
|---|----------|
| • Python, Data Science & Machine Learning Integrated Course
Cipher Schools | Jul 2024 |
| • Data Structures and Algorithms in C++
Coding Ninjas | Dec 2023 |
| • Web Development Certification
Internshala | Nov 2023 |
| • Full-Stack Web Developer Certification
LinkedIn Learning | Feb 2023 |

Skills

- Languages & Technologies: C++, Python, JavaScript, HTML, CSS, C
- Frameworks & Libraries: Tailwind CSS, Bootstrap, Node.js, Express.js, Socket.io, React
- Databases: MySQL, MongoDB
- Machine Learning & AI: Matplotlib, Pandas, NumPy
- Tools & Platforms: Git, GitHub, Postman, Render, RESTful API Integration
- Personal Skills: Analytical Thinking, Problem-Solving, Adaptability, Team Collaboration, Continuous Learning, Attention to Detail

Education

Lovely Professional University
Computer Science and Engineering — CGPA: 7.9

Since Aug 2022
Jalandhar, Punjab

Sri Chaitanya Junior Kalasala
Intermediate — GPA: 8.5

Jun 2022
Hyderabad, Telangana

Sri Chaitanya School
Matriculation — GPA: 10

Mar 2020
Hyderabad, Telangana