

# Ponnana Pavan

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🔗 leetcode

## EDUCATION

**Aditya institute of technology and management** 2020 – 2024 | Srikakulam, India  
Bachelor of Technology in Computer Science(CGPA of 8.87)

## SKILLS

**Programming Languages** (C, C++, Python, Java),  
**Frontend** (HTML/CSS, Javascript, React, Redux, Nodejs, Expressjs, Tailwind CSS), **Database** (Mongo Db , SQL),  
**Developing Tools** (Visual Studio Code, Git)

## PROJECTS

**Chat-app|ReactJS,Javascript,Socket.io,MongoDB,Expressjs** 📄 Jan 2024 – Feb 2024

- **Designed** and implemented the front-end of a real-time chat application using **ReactJS**.
- Styled the user interface with **Tailwind CSS** to achieve a modern and responsive design.
- Integrated **Socket.IO** for enabling bidirectional and **real-time communication between clients**.
- Engineered the back-end with Express to develop robust **RESTful APIs** for efficient user authentication and message routing.
- Utilized **MongoDB for data storage**, ensuring seamless interaction between the front-end and back-end components.

**FoodRecipe|Reactjs,StyledComponents,FoodRecipe API** 📄

- Utilized the **React.js library** to craft a responsive and interactive user interface, significantly elevating the overall user experience.
- Integrated the **Spoonacular API** seamlessly to retrieve comprehensive data, encompassing recipes, ingredients, and nutritional information, applying **asynchronous programming** for swift and efficient data retrieval.
- Implemented a **robust search functionality** in React.js, enabling users to seamlessly explore specific food items, recipes, or ingredients.
- Designed and developed a visually captivating and **responsive React.js UI**, ensuring peak **performance across various devices**.
- Incorporated advanced features for **filtering** search results utilizing React.js components, empowering users to swiftly discover and access relevant recipes.

**Ecommerce |React js,Expressjs,Nodejs,MongoDb,CSS** 📄 Dec 2023 – Jan 2024

- Developed and implemented a **stable set of APIs** to facilitate seamless communication between the frontend and backend, ensuring efficient data exchange and real-time updates.
- Devised and integrated **advanced filter algorithms**, contributing to a frictionless product discovery experience and bolstering user engagement.
- Engineered a secure **JWT-based authentication system** for user login/signup, prioritizing data privacy and delivering personalized shopping experiences.
- Established a robust **MongoDB database** architecture to efficiently store and manage user shopping cart details, ensuring enduring user sessions and upholding data integrity.
- Conceptualized and executed an **intuitive admin panel** equipped with CRUD operations, empowering administrators to effortlessly **add and remove items from the inventory**.
- **Integrated role-based access control (RBAC)** seamlessly into the admin panel, elevating security measures and furnishing fine-grained management capabilities.

## CERTIFICATES

- Completed in course on java in coursera •
- certified in Database mangement system given by infyosis spring board
- certified in HTMS,CSS,JS ,React js given by udemy