Dadam Rishikesh Reddy

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EDUCATION

B.E in Computer Science & Engineering 2022 - 2026
RV College of Engineering *Current CGPA: 9.37*
Andhra Pradesh Secondary Education - Class XII 2020 - 2022
Sri Chaitanya Junior College, Vijayawada *Percentage: 97.60%*

SKILLS

Programming Languages: C, C++, JavaScript
Web Technologies: HTML, CSS, React.js, Node.js
Databases: SQL, PostgreSQL
Coursework: Operating Systems, DBMS, Data Structures and Algorithms, OOPs

PROJECTS

Stock Market Management System | *ReactJS,Node.js,ExpressJS,Chart.js,Puppeteer,PostgreSQL* Dec. 2024
- Designed an admin-user platform where the admin can manage companies and users, while users can track historical stock data, view interactive trend graphs using **Chart.js**, and access real-time stock prices and live market news via **Puppeteer web scraping**.
- Implemented secure financial transactions, allowing users to deposit, withdraw, buy, and sell stocks, with comprehensive transaction history and downloadable reports for better financial tracking.
- Integrated an AI-powered query system using **Groq API Key** with **LLaMA 3-70B**, enabling intelligent responses to user queries related to stock trends, market insights, and platform functionalities.

Chatify | *HTML, CSS, React JS,Node.js,Socket.io,Mongo DB* Nov. 2024
- Designed a **full stack**, **real-time chat application** enabling seamless communication across users.
- Implemented **user presence indicators** (online/offline) and **dynamic group chat** creation for collaborative conversations.
- Integrated core chat features like **instant messaging**, **delivery status**, **notifications**, and a fully **responsive UI**.

Recipe Master | *HTML, CSS, JavaScript* Jan. 2025
- Developed a feature-rich recipe platform with **100,000+ dishes**, enabling users to search, bookmark, add, and store recipes.
- Implemented **MVC architecture** with dynamic ingredient adjustments based on servings, ensuring a seamless and interactive user experience.

PUBLICATIONS

Predictive Analytics for Milk Quality using Random Forest (RF) Algorithm Dec. 2024
- Published a research paper presenting a machine learning-based web application that analyzes chemical and physical parameters to accurately assess milk quality in real-time, achieving **over 95% accuracy**. (**CSITSS**)
- **Link:** Click Me

ACHIEVEMENTS

Data Science for Engineers Nov. 2024
- Successfully completed the **NPTEL** Data Science for Engineers course, demonstrating proficiency in data analysis, machine learning, and statistical methods, and earned a **Gold Certification**, ranking in the **top 1%.**

SOCIETIES

Frequency Club RVCE
- Organized and led a **mini-event on Full Stack Development** as a tech club member, engaging over **200 students** and increasing interest in web development by 30 percentage through interactive sessions.