Yashwanth Raju S

Adm. No. CH.SC.U4CSE23144   ☎ 9390061616   🌐 My Portfolio

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Education

Amrita Vishwa Vidyapeetham   Expected June 2027
Bachelor of Science in Computer Science (GPA: 8.23 / 10.00)   *Tiruvallur,TamilNadu*
- **Relevant Coursework:** Data Structures, Design and Analysis of Algorithms, Computer Networks, Operating Systems, Object-Oriented Programming, Intro To Cyber Security

Projects

Team Work Assigner | *React.js* 🐙
- Developed a task and team management application using React, leveraging LocalStorage for persistent state management without a backend.
- Built a clean and intuitive UI with component-driven architecture, enabling users to track tasks, update statuses, and manage workflows efficiently.
- Implemented role-based authentication (Admin/Employee) using React state and protected routes, ensuring controlled access to task creation and status updates.

Trading Platform Simulation | *MERN Stack, JWT, Chart.js, Market APIs* 🐙
- Built a MERN-based trading platform replica that fetches real-time market data from external APIs and displays live price movements with accurate chart visualization.
- Implemented JWT authentication and developed a pixel-perfect UI closely matching Zerodha's interface, ensuring smooth navigation and secure user access.
- Integrated interactive chart analysis using Chart.js, enabling users to view intraday trends, historical patterns, and market fluctuations with high responsiveness.

Conversational Chat Application | *React, Gemini API, LocalStorage* 🐙
- Developed an AI-powered chat interface using React and Gemini API capable of generating real-time conversational responses with high accuracy.
- Implemented chat history persistence using LocalStorage, allowing users to view and reopen previous conversations with labeled session names.
- Designed a clean and responsive UI that supports smooth message flow, quick response rendering, and an intuitive multi-chat session experience.

Technical Skills

Languages: Java, JavaScript, Python
Technologies: React.js, Node.js, Express.js, MongoDB, Postman, HTML, CSS, JavaScript, Bootstrap
Concepts: Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Machine Learning, API Design, Database Normalization, Agile Methodology, Computer Networks, Object-Oriented Programming

Achievements

- Won 2nd prize in Web Designing competition conducted by the IEEE Club.
- Secured 3rd prize in Coding Algorithms competition organized by the college programming club.
- Achieved a global rank of 3000 in a LeetCode contest among 27,000 participants.

Coding Profiles

LeetCode   **Codeforces**   **CodeChef**   **HackerRank**

Social Engagements

Actively participated in college technical clubs and coding communities, contributing to events and peer learning. Volunteered in student-led initiatives focused on mentoring and supporting junior developers.