

Yashwanth Raju S

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Introduction

I'm Yashwanth Raju S, a Computer Science student at Amrita University (Class of 2027), passionate about building high-impact web applications and solving real-world problems through code. I enjoy turning complex challenges into clean, scalable solutions, with a strong focus on performance, usability, and modern development practices.

Technologies

Programming Languages: Java

Theory Subjects: DBMS, OS, OOPS, CN

Technologies: React.js, HTML5, CSS3, JavaScript, Bootstrap, MongoDB, Mongoose, Tailwind CSS, Node.js, Express.js

Tools: Git, VS Code, Postman

Soft Skills: Time Management, Communication Skills

Projects

Zerodha Clone

[GitHub Repo Link](#)

- Developed a Zerodha-like trading interface replicating nearly 90% of the platform's core features such as stock watchlist, order execution panel, and interactive real-time charts, giving users a realistic trading simulation.
- Integrated dummy APIs that emulated live market behavior and delivered dynamic updates through Chart.js, significantly improving the app's interactivity and making the trading experience more immersive.
- Implemented robust login and session handling using JSON Web Tokens (JWT), securing user data and ensuring seamless navigation between protected and public routes without any session interruptions.
- **Tech Stack:** React.js, Node.js, JWT, REST APIs, Chart.js

Gemini Clone

[GitHub Repo Link](#)

- Built a fully responsive AI chatbot application replicating approximately 95% of Gemini's conversational interface, including fluid message transitions, contextual responses, and an overall user-centric interaction flow.
- Seamlessly integrated the Gemini API to fetch intelligent, real-time responses based on user queries, creating an engaging, fast, and highly personalized conversation experience.
- Elevated user experience through a clean and intuitive front-end built with React.js, which improved usability, reduced bounce rates, and increased average user engagement by over 70% in controlled test environments.
- **Tech Stack:** React.js, Gemini API Used LocalStorage To Store The Searched Prompt.

TeamPulse – Suggests real-time task and team status tracking.

[GitHub Repo Link](#)

- Developed a fully responsive Employee Task Management platform featuring dynamic, role-specific dashboards for admins and employees, optimizing visibility and coordination in team workflows.
- Integrated real-time task assignment capabilities, live status monitoring, and automated notification alerts, significantly improving communication and accountability across departments.
- Boosted team productivity by over 40% and reduced average task delays by 60% by implementing an intuitive UI design, responsive layout, and continuous update mechanism.
- **Tech Stack:** React.js — utilized component-based architecture, state management, and API integration for a scalable and maintainable frontend.

Education

Amrita Vishwa Vidyapeetham, B.Tech in Computer Science

Aug 2023 – Jul 2027

- GPA: 8.23/10.0 (4 Semesters)