M Jayendra

Web Developer

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[LeetCode](#) — [CodeChef](#) — [GitHub](#) — [Portfolio](#) — [LinkedIn](#)

Summary

Aspiring Full-Stack Web Developer with hands-on experience in building responsive, user-focused web applications using JavaScript, React, Node.js, and MongoDB. Strong foundation in Data Structures and Algorithms, with a problem-solving mindset and a drive to optimize both front-end and back-end performance. Passionate about crafting clean, maintainable code and continuously learning modern web technologies. Eager to contribute to real-world projects and grow as a professional in a collaborative development environment.

Education

B.Tech in Computer Science and Engineering   *Present*
Vignan's Institute of Information Technology
CGPA: 8.00

Technical Skills

Frontend	JavaScript, React, HTML5, CSS, Tailwind CSS
Backend	Node.js, Express.js
Database	MongoDB
Programming	C++, Python, Java (Basics)
Tools	Git, GitHub, VS code

Projects

Plant Disease Identifier — [GitHub](#)
Built a web-based application to detect plant diseases from uploaded leaf images using the **Gemini API**. Developed the frontend with **React.js** and integrated a Flask-based backend to handle image uploads and API communication. Designed a 3-step user workflow: **(1)** Upload an image of the affected plant area, **(2)** Run AI analysis to detect disease, and **(3)** Display diagnosis and treatment suggestions. Ensured responsive UI, quick results, and seamless integration with **Render** for deployment and **GitHub Actions** for CI/CD.

Movie Meter — [GitHub](#)
Built a dynamic movie review platform with **React.js**, leveraging the **TMDB API** for real-time movie data. Implemented search functionality with debounced input to optimize API calls and improve user experience. Enabled users to submit and update ratings and reviews, with validation to prevent duplicate entries. Utilized **React Router** for smooth navigation between movie details and user profiles. Applied caching strategies to reduce loading times and improve performance. Focused on responsive design and intuitive UI to engage movie enthusiasts on both desktop and mobile platforms.

River CleanUp — [GitHub](#)
Developed a full-stack environmental event management platform using **Node.js**, **Express.js**, **MongoDB**, and **EJS**. Implemented user authentication and role-based access control to manage volunteers and organizers securely. Integrated **Google Maps API** to visually display cleanup event locations and enable easy navigation. Added automated email notifications with **Nodemailer** to confirm volunteer registrations and send reminders. Designed a fully responsive and accessible UI to ensure seamless experience across desktops and mobile devices. The app streamlined volunteer coordination and increased event participation.

Notepad — [GitHub](#)
Designed a minimalistic note-taking web app with **JavaScript**, **HTML/CSS**, and **localStorage**. Enabled users to create, update, and delete notes with real-time updates. Prioritized simplicity and responsiveness, ensuring offline support and persistent data.

Calculator — [GitHub](#)
Built a clean, responsive calculator using **HTML, CSS, and JavaScript** supporting basic arithmetic operations. Emphasized accurate calculation logic, edge case handling, and mobile-first design principles for broad compatibility.

Achievements

- Solved 300+ problems on LeetCode with a rating of 1500+, strengthening core problem-solving and algorithmic thinking — [LeetCode Profile](#).
- Earned a 2-star rating on CodeChef through regular participation in coding contests — [CodeChef Profile](#).
- Completed several full-stack web apps independently, applying the MERN stack, third-party APIs, and secure authentication in real-world scenarios.