MANYAM CHAITANYA

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PROJECTS

VideoFusion. — ReactJS, ExpressJs, MongoDB, ReduxToolkit — 07/2024 - Present

- Full-Stack Video Sharing Platform: Developed VideoFusion, a video sharing platform using React and Node.js (Express), handling user authentication for over 500 users and supporting video uploads up to 200MB.
- Optimized Performance: Increased user engagement by 30% and reduced page load times by 40% through optimized database queries and API responses, enhancing overall platform performance.
- Custom Recommendation Algorithm: Implemented a custom recommendation algorithm, improving video discovery for 500+ users, leading to a 25% increase in video watch time and user retention.
- Firebase Integration for Video Storage: Utilized Firebase for scalable video storage, managing over 1,000 videos efficiently and ensuring fast access, accommodating growing user data seamlessly.
- Enhanced User Experience with Email Functionality: Added email functionality for password recovery and welcome emails on sign-up, improving user onboarding by 20%. Used Cloudinary for avatar and banner image storage, handling over 200 image uploads. Planning to integrate an AI assistance feature for improved user interaction and content recommendation.(Live) (Github)

Meal It. — ReactJS, MongoDB, ExpressJS — 03/2024 - 03/2024

- Full-Stack Development: Developed a comprehensive meal ordering platform using the MERN stack (MongoDB, Express, React, Node.js), handling over 5-10 users requests, showcasing proficiency in both front-end and back-end technologies.
- User Authentication and Security: Implemented robust user authentication and authorization mechanisms using JWT (JSON Web Tokens) to ensure secure access and data privacy for over 5-10 active users.
- Responsive Design: Designed and developed a mobile-first, responsive user interface, leading to a 15% increase in user engagement and accessibility across various devices.
- Payment Gateway Integration: Successfully integrated the PayPal payment gateway, enabling secure and efficient transactions, processing over 50 payments monthly. (Live) (Github)

SKILLS

Languages	Java, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks	NextJs, ReactJs, NodeJS, ExpressJs, MongoDB, MySQL, Tailwind CSS, Bootstrap
Developer Tools	VS Code, Postman, Git/GitHub, Netlify, Appwrite, Firebase
CourseWork	OOPs, DSA, DBMS, Computer Networks, Operating Systems

EDUCATION

Bachelor of Technology, Lakshmi Narain College of Technology — 12/2020 - 06/2024
Electronics & Communication Engineering , CGPA: 8.49

12th, Sharda Vidya Mandir — 03/2019 - 07/2020
Science with Informatics Practices , Percentage: 70.4%

POSITION OF RESPONSIBILITY

- **Graphic Designer and Volunteer** at We Care Social Welfare Society. Designed educational materials and taught creative workshops, impacting over 40 underprivileged children and improving their academic performance by 25%. — 06/2022 - Present

CERTIFICATES

- Infosys Springboard Programming Using Java And Data Structures and Algorithms using Java
- Wipro TalentNext Java Full Stack training program.
- Cisco Networking Academy Introduction to Cybersecurity And Cybersecurity Essentials