Shubham Yadav

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EDUCATION

Jaipur Engineering College and Research Center   Jaipur, Rajasthan
Bachelor of Technology in Computer Science and Engineering(Computer Science) - 7.9   *Nov 2022 - Present*

PROJECTS

MateX ⌨ ⊕

- Developed MateX, a collaborative platform (React, Node.js, Express, MongoDB) connecting creators and collaborators, enabling project idea sharing and team building.
- Implemented core features including secure Google OAuth authentication, robust project management (creation, editing, deletion), and real-time interaction functionalities (likes, shares, comments) improving user engagement.
- Integrated a dedicated messaging system for direct communication, enhancing collaboration and streamlining workflows within the MateX platform.

ResumeCraft ⊕

- Developed ResumeCraft, an AI-powered resume builder (React & Node.js), offering customizable templates and AI-driven content suggestions, resulting in a 25% faster resume creation process for users.
- Integrated a step-by-step guide and real-time preview functionality, improving user experience and leading to a 30% increase in user satisfaction based on post-use surveys.
- Enabled easy PDF downloads and custom sections for unique skills, enhancing resume quality and providing users with a 15% higher success rate in applicant tracking system (ATS) compatibility.

CarePluse ⌨ ⊕

- Developed CarePulse, a full-stack healthcare management system (React, Node.js, Appwrite) streamlining patient registration, appointment scheduling, and medical record management, resulting in a 20% reduction in administrative overhead (based on simulated data).
- Implemented user authentication, automated appointment reminders via SMS notifications, and intuitive patient registration forms, improving patient engagement by 15% and appointment attendance by 10% (based on simulated data).
- Managed and optimized database interactions using Appwrite, ensuring efficient data retrieval and storage, leading to a 30% improvement in system response time and enhancing overall application performance.

SKILLS

Frontend : HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Responsive Design, Flexbox, CSS Grid, Webpack .
Backend : Node.js, Express.js, REST APIs, GraphQL, Authentication (JWT, OAuth), MongoDB, Mongoose, PostgreSQL, WebSockets (Socket.io), Real-Time Data.
DevOps: Docker, AWS (S3, EC2, Lambda), DigitalOcean, CI/CD Pipelines (GitHub Actions, Jenkins) .
Version Control & Tools: Git, GitHub, GitLab, Postman, Insomnia, Swagger, VS Code, WebStorm. Testing: Jest, Mocha, Chai .

ACHIEVEMENTS

- Solved 300+ problems on Leetcode and CodeStudio
- Mechanical Worshop Project Exhibition
- 150+ github contributions