Gaurav Kumar

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Education

Vivek College of Education | Bijnor, India   2020-2023

Bachelor of Computer Applications (BCA)

Projects

GoAssignr | Google Generative AI API, React js, Redux, CSS

GoAssignr is the Assignment Generator web application designed to assist educators and students in creating assignments quickly and efficiently.

- Created a user-friendly interface for inputting topics and generating assignments
- Integrated Google Generative AI for generating detailed assignment content
- Implemented PDF generation functionality for easy distribution of assignments
- Ensured scalability and performance of the application

Teacher Review System | Node js, Mongo DB, React js, Tailwind CSS

Transforming a unique idea into a practical solution, I developed a comprehensive platform where students can review their teachers based on various performance metrics.

- Leveraging the power of ReactJS, I implemented dynamic elements that enable real-time updates and smooth interactions, enhancing the platform's usability.
- Using NodeJS, I developed robust backend logic to manage data processing, user authentication, and communication between client and server.
- Employing MongoDB, a NoSQL database, I structured the data storage system to efficiently manage user information, reviews, and other relevant data.
- To ensure data security, I implemented a robust authentication system using cryptographic hashing with the Crypto library, safeguarding user passwords and sensitive information.

CodeWithArt | Rect js, Redux, Framer Motion, Tailwind CSS

Developed a personal portfolio website to showcase projects, skills, and achievements with a focus on organization and visual appeal.

- Implemented animations and transitions using Framer Motion to enhance user engagement
- Integrated Redux for state management, ensuring efficient data flow and scalability
- Optimized website performance for fast loading and smooth user experience

Skills

Language : C, C++, JavaScript, SQL, HTML, CSS.
Framework / Library : ReactJs, Redux, Node.js, MongoDB, Framer Motion, Tailwind CSS Bootstrap.
Version Control : Git, GitHub.   **UX/UI :** Basic UX/UI principles.