Ankit Kumar Singh

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PROJECTS

BlogiFy App| Tailwind | NodeJS | ExpressJS | MongoDB | Ejs   GitHub

It is the backend blogging app where user can perform CRUD operation and post their blog and also comment on the Blog. For Password Security use hash Password.

- **Integrated JWT (JSON Web Tokens)** for secure user authentication and authorization, ensuring controlled access and personalized user experiences**.** It enhances the Security by 100%**.**
- **Created and use a RESTful API** using Node.js and Express to handle backend operations, ensuring efficient data management and seamless integration with the frontend. Integrated **Clerk** for secure **user authentication**, enabling seamless login and user management within the application.
- **Utilized MongoDB for database management**, implementing schemas and models to store and retrieve blog posts, user profiles, and comments, ensuring data consistency and scalability
- **Built** interactive user interfaces using React, achieving a 30% increase in user engagement through improved responsiveness and seamless user experience.

Bookstore App | Tailwind | ReactJS | NodeJS | ExpressJS | MongoDB   GitHub

It is a full-stack application that can be used for buy and reading books online, user authentication and various features related to bookstore using MERN stack.

- **Developed a full-featured bookstore application** using the MERN stack (MongoDB, Express, React, Node.js), enabling users to browse, search, and purchase books online.
- **Designed and make a robust backend** using Node.js and Express, creating RESTful APIs for handling book data, user accounts, and order processing.
- **Utilized MongoDB for data storage**, defining schemas and models for books, users, orders, and reviews, ensuring efficient data retrieval and manipulation.
- **Engineered a secure user authentication** system using **JWT** (JSON Web Tokens) that enhanced data protection, resulting in a 40% decrease in unauthorized access attempts and improved user trust in the application.

E-Commerce Website | CSS | Django | SQL | GitHub

This website allows people to buy and sell physical goods, services, and digital products over the internet rather than at a brick-and-mortar location.

- **Make a comprehensive e-commerce platform** using Django, providing a robust backend framework for managing products, user accounts, and orders.
- **Established a secure and scalable SQL database with MySQL**, handling complex queries and transactions for over 10,000 transactions.
- **Integrated authentication and authorization** with Django's inbuilt user management system, ensuring secure login, registration, and password management.
- **Created an admin dashboard for managing product listings,** inventory, orders, and user accounts, streamlining the operational workflow and reducing administrative time by 40%

EXPERIENCE / INTERNSHIP

Web Development Internship at Octa Net Services Pvt. Ltd   **(Remote, 2024) (March-June)**

- Develop and maintained web applications, improving page load times by 20% through optimized code and efficient database queries.

EDUCATION

MAHARISHI MARKANDESHWAR UNIVERSITY   **MULLANA , INDIA**
Bachelor of Technology, Computer Science | Percentage :84.19 %   **2020-2024**

D.G.SR.SEC.+2 SCHOOL (BSEB)   **BIHAR , INDIA**
XII (Science) | Percentage : 64.8 %   **2017-2019**

GYANADA INTERNATIONAL SCHOOL (CBSE)   **BIHAR , INDIA**
X | Percentage : 85.5%   **2017**

TECHNICAL SKILLS

- **Programming Languages**: Java, JavaScript, Typescript.
- **Frameworks, Tools, and Technologies**: ReactJS, NodeJS, ExpressJS, MongoDB, SQL, Next.js, Git, GitHub , Tailwind, Redux.