Ahmad Iqbal
MERN Stack Web Developer
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Summary:

Full Stack Web Developer with **React , Express** and **Django** Expertise. Proficient in **HTML** and **CSS** designing, implementing and maintaining scalable web applications. Skilled in utilizing **MongoDB** for data storage, retrieval, and analysis. Seeking Platform where I can enhance and sharpen my skills.

Skills:

- ➢ Front-End: **HTML, CSS, React**
- ➢ Back-End: **Java Script, Express , Python, Django**
- ➢ Data Bases: **MongoDB**

Projects:

1- Social Media Application (VIBEHUB)

Built a feature-rich social media platform (**Vibehub**) enabling users to interact, share content, and communicate in real-time. It features secure authentication, responsive design, Real-time chat and dynamic interactions enhance engagement and connectivity among users.

Technologies Used: MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs, Postman, Web Socket.IO, Axios, CSS

Key Features:

- Implemented secure user authentication using JWT and bcrypt, allowing seamless signup, login, and password management.
- Integrated a seamless connection between the frontend and backend using RESTful APIs, allowing efficient communication and data transfer.
- Designed dynamic User Profile pages with editable personal information.
- Created functionality for users to create, edit, and delete posts, as well as like and comment on content.
- Introduced a "Status" feature, enabling users to share temporary content that automatically deletes after 24 hours.
- Built a follow/unfollow system with dynamically updated follower and following lists.
- Developed real-time notifications for likes, comments, and follows using Socket.IO, ensuring a responsive user experience.
- Introduced real-time chat functionality (using **Web Socket.io**) to enable direct messaging between users.
- Optimized performance with efficient database queries and Ensured data integrity and scalability by designing a well-structured **MongoDB** schema to efficiently store and organize data.

2- Role-Based Educational Platform

Designed and developed a scalable, role-based online educational platform using **MERN** Stack to facilitate seamless interactions among Admins, Teachers, and Students.

Technologies Used: MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs, Postman

Key Features:

Admin Features:

- Built a secure role and user management system, enabling admins to create and manage teacher and student accounts.
- Automated email notifications for account creation with dynamic password management, enhancing system efficiency and security.

Teacher Features:

- Developed functionality for managing classes, lessons, and assessments with support for multiple question types, including Multiple Choice, True/False, and Fill in the Blanks.
- Implemented real-time performance analytics and result aggregation for student assessments.
  Student Features:
- Delivered a user-friendly interface for students to attempt quizzes with instant scoring and feedback.

EDUCATION

Bachelor in Computer Science
Islamia University of Bahawalpur
Current Semester:5th