MALIK HAMZA

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ABOUT

A dedicated and passionate Computer Science graduate with a focus on Java and full-stack development. Eager to contribute to innovative projects and further development.

SKILLS

- Languages: Java, C#, HTML, CSS, SQL.
- Frameworks:Spring boot, Spring MVC, Spring Security, .NET
- Tools: : IntelliJ IDEA ,Visual Studio, Postman, Git, GitHub, SQL Server.
- Others: RESTful API Development, .

Education

University of Sindh Laar campus Badin *JAN 2020 – DEC 2023*
BS in Computer Science

- CGPA: 3.0/4.0

PROJECTS

1.Flight Management System

- The **Airplane Tickets Management System** is a comprehensive web application designed to facilitate flight search, ticket booking, and management processes. Built using **Spring MVC** and **Thymeleaf**, the system ensures a user-friendly experience with a dynamic and responsive interface.

  Key features include secure user authentication implemented using **Spring Security**, enabling users to log in safely and access personalized functionalities. The system allows users to search for flights based on criteria like travel date, destination, and flight class. Once a flight is selected, users can book tickets effortlessly, with all operations reflected in the backend.

  The backend is powered by **Hibernate** integrated with a **MySQL database**, ensuring smooth data management for flight schedules, bookings, and user accounts. An admin panel provides administrators with tools to manage flights, update schedules, monitor ticket bookings, and generate detailed reports for analysis.

2.Live Cricket Scoring Application

- –Here's a 10-line summary of your **Live Cricket Scoring Application**:

  1. Developed a **Live Cricket Scoring Application** using **Spring MVC** and **Thymeleaf** for real-time match updates.
  2. Integrated **Spring Security** to manage user roles, allowing secure access for admins and users.
  3. Users could view live scores, match summaries, and detailed team information.
  4. Admins were empowered to update live scores and player statistics during matches.
  5. Created a responsive and user-friendly interface for a seamless user experience.
  6. Designed a **match dashboard** to track live performance metrics and analytics.
  7. Incorporated historical data and player statistics for enhanced match insights.
  8. Utilized **Hibernate** and **MySQL** for efficient backend data management.
  9. Focused on optimizing performance to handle real-time updates without delays.
  10. Ensured scalability to support multiple matches and future application enhancements.

3.Book Store Management

The Book Store Management System is a web application built using .NET MVC. It allows administrators to manage book inventory, authors, categories, and sales. Customers can browse, search for books, and place orders. The project demonstrates the use of CRUD operations, authentication, and role-based access