

Yuvraj Singh

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SKILLS

- **Languages:** Python, Java, R
- **Frameworks:** HTML and CSS
- **Tools/Platforms:** MySQL, Tableau, R studio, Excel
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- **Airbnb Data Analysis & Visualization: Tableau** November 2024
 - Conducted an in-depth analysis of Airbnb listings to identify pricing trends, occupancy rates, and host behavior
 - Designed interactive dashboards to visualize key metrics such as average price, availability, and location-based insights
 - Leveraged data cleaning techniques to preprocess raw Airbnb data for accurate and meaningful visualizations
 - Implemented advanced filtering and parameter controls to allow users to explore listings by city, property type, and ratings
 - Used geospatial mapping to showcase distribution patterns of Airbnb properties across different regions
 - Provided actionable insights for hosts and travelers by analyzing guest reviews and pricing strategies
 - **Tech Stack:** Tableau, Excel, SQL, Data Cleaning, Geospatial Analysis
- **Hotel Management Website:** December 2024
 - Built a comprehensive hotel management system to facilitate booking and management of hotel rooms
 - Incorporated a weather forecasting feature using a third-party API to provide real-time weather updates for hotel locations
 - Enforced user authentication and management for guests and hotel staff
 - Designed a responsive web interface using React.js for an intuitive user experience
 - Utilized Firebase for backend services, including data storage and user authentication
 - Employed MySQL for managing hotel data, including room availability and booking records
 - Permitted users to search for hotels, view room details, and make reservations seamlessly
 - **Tech Stack:** HTML, CSS, JavaScript, React.js, Firebase, MySQL
- **Portfolio Website:** December 2024
 - Designed and prepared a personal portfolio website to showcase projects, skills, and experience
 - Executed a responsive and visually appealing UI using modern web technologies
 - Blended a dynamic projects section to display detailed descriptions and images of completed work
 - Enabled smooth navigation with a single-page layout using React.js for seamless user experience
 - Utilized Firebase for backend services, including contact form data storage and authentication
 - Implemented SEO best practices to enhance search engine visibility
 - Hosted the website on a cloud platform for high availability and performance
 - **Tech Stack:** HTML, CSS, JavaScript, React.js, Firebase

CERTIFICATES

- Data Structures And Algorithms using java – Coding Blocks July 2024
- Introduction To Internet of Things – NPTEL November 2024
- Data Structure and Algorithms using C++ - NeoColab May 2024
- IBM DevOps and Software Engineering – Coursera November 2024

ACHIEVEMENTS

- **Football** 2020
 - Secured second position at national level
- **Basketball** 2018
 - Secured third position at state level
- **Vidyarthi Vigyan Manthan** 2018
 - Secured First Position amongst all participants in an exam organized by Kendriya vidyalaya

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
 - Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.18** Since August 2022
 - **Navjeevan Public School** Sikar, Rajasthan
- Intermediate; **Percentage: 79.7%** April 2020 - March 2022
- **Kendriya vidyalaya** Sikar, Rajasthan
- Matriculation; **Percentage: 74%** April 2012 - March 2020