

ISHAN VERMA

Developer & Analyst

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PROJECTS

Hostel Management System - MySQL

Database Management System

January 2023 - May 2023

- The Hostel Management System used PHP and MySQL based application that efficiently manages hostel operations, including room allocation, student information, fee management, and complaints handling.
- It simplifies administrative tasks, enhances communication, and ensures data security for an organized hostel management process.

Travexl - A Travel Advisory website

Frontend

May 2022 - June 2022

- The website served as a comprehensive guide for individuals seeking information about various places within a city.
- It offered a user-friendly interface, the platform allowed users to easily navigate and explore diverse attractions, landmarks, and points of interest. From popular tourist spots to hidden gems, the website provided detailed insights, including travel tips, safety recommendations, and local insights.

Online Banking Management System Integrated with Chatbot

Web Application

August 2023 - December 2023

- This innovative platform allows customers to manage their finances securely while leveraging the convenience of real-time communication through the chatbot interface.
- Java, MySQL, Ubuntu, bootstrap and frontend technologies were used in the construction of the project.
- Users can perform various banking transactions, such as checking account balances, transferring funds, and paying bills, all within the intuitive web application.
- This combination of user-friendly online banking functionalities and an intelligent chatbot enhances customer engagement, streamlines the user experience, and ensures that users can easily navigate and optimize their banking activities in a personalized and secure environment.

CareerHub: All in One Recruitment Portal

Fullstack | Documentation

January 2024 - May 2024

- Developed CareerHub: An all-in-one recruitment platform with features like resume building, video interviews, interview scheduling, and performance analytics.
- Backend & Frontend: Utilized Node.js, Express.js, MongoDB for the backend, and React.js, Redux, Bootstrap for the frontend to create a responsive and scalable application.
- Feature Implementation: Integrated real-time communication via Socket.io, secure authentication with JWT, and an intelligent bot for query handling and candidate shortlisting.

EDUCATION

SRM Institute of Science & Technology— Chennai, India

Bachelor of Technology in Computer Science

Engineering, July 2024

Grade: 9.17 / 10

Stepping Stones Senior Secondary School — Chandigarh, India

Higher Secondary School (PCM), April 2020

Grade: 70.2 %

ADDITIONAL SKILLS

- **Technical Skills:** C, C++, Python, SQL, HTML, CSS, R Language.
- **Soft Skills:** Project Leadership, Event Management, Design Thinking, Analytics and Logical Thinking, Communication Skills, Power BI, Excel, Data Analysis.

PROFESSIONAL EXPERIENCE

Committee Head

AARUUSH - National Level Techno-Management Festival of SRMIST

May 2022 -January 2023

- I played a key role in the club, contributing to event planning, budget creation, brainstorming, and seamless execution.
- My responsibilities spanned the entire event process, showcasing skills in organization, financial management, and creative problem solving.

CERTIFICATIONS / COURSES / EXTRACURRICULAR

Database Foundations - Oracle Academy • 2023

- Provided a solid understanding of relational database concepts and SQL basics, including data modeling, table relationships, and normalization.
- It also equipped me with practical skills to create, query, and manage databases using Oracle Database, essential for professional database work.

Data Analysis Using Python – IBM • 2024

- It taught me foundational skills in data analysis, focusing on data manipulation, cleaning, and visualization using libraries like Pandas, NumPy, and Matplotlib.
- It also provided hands-on experience in applying statistical techniques and machine learning models to real-world datasets for actionable insights.

Python and SQL (Basics) - Hackerrank • 2022

- Applied the basic knowledge of Python and SQL to develop simple games and projects.

Entrepreneurship Bootcamp - SRM Innovation Incubation & Entrepreneurship Centre • 2022

- Among the Top 3 teams in the Entrepreneurship Bootcamp Edition IV

C/C++ Programming - SRM eLab • 2021

- Solved more than 200+ questions of C as well as C++ Language.

JHALAK Fashion Show – Runner Up • 2023

- Competed as a team among 4 different departments from SRM University.