Muhammad Hamza Malik

Software Engineer

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To work and learn in a competitive environment for development of skills and augmentation of knowledge.

EDUCATION

BS- Information Engineering Technology
Foundation University, Rawalpindi
08/2019 - 06/2023

FSC
FG Sir Syed College, Rawalpindi
04/2017 - 05/2019

ACADEMIC PROJECTS

Library Management System
- The Library Management System project is developed using a combination of programming languages such as Java, Python, and HTML/CSS for the frontend, and a database management system like MySQL for storing and retrieving data. The system provides a comprehensive solution for library operations, including book management, member management, borrowing and returning of books, and generating reports for efficient library administration.

Student Enrollment System
- The Student Enrollment System project involves creating a software application to streamline the process of student enrollment in educational institutions. It typically includes functionalities such as student registration, course selection, fee payment, and generation of student identification cards. The project may utilize programming languages such as PHP, along with a database management system like MySQL Server to store and manage student information effectively. The system aims to simplify and automate the enrollment process, improving efficiency and accuracy for both students and administrators.

Research Publication Tracking System
- The Research Publication Tracking System is a software application designed to streamline the management and tracking of research publications in academic institutions. It employs programming languages like Java script, Python, and a database management system to handle functions such as paper submission, peer review management, publication tracking, and report generation. The system aims to improve collaboration among researchers, enhance workflow efficiency, and provide comprehensive monitoring of research output.

WORK EXPERIENCE

Internship At MYClinic
KSA
09/2022 - 01/2023

Achievements/Tasks
- 4th Months worked as the position of Data Science .Working on SSMS using SQL Server ,Monitor Daily SQL Jobs , By using SSIS package extract reports as per the user requirements, Creating Store Procedures as per the business requirements and performed different Databases task such as data normalization, data management and data transformation tasks.

SKILLS

SQL and Relational Databases	●●●●○
Databases(SQL Server, MySQL, Oracle)	●●●●○
ETL(Extract, Transform, Load)	●●●●○
Python Programming language	●●●●○
Requirement Gathering and Analysis	●●●●○
Software Quality Assurance and Manual Testing	●●●●○
Strong Analytical and Debugging Skills	●●●●○
Good Written and Verbal Communication	●●●●○
Problem Solving and Critical Thinking Skills	●●●●○

CERTIFICATES

SQL And Relational Databases 101
"Successfully completed SQL and Relational Databases 101, gaining a comprehensive understanding of database design, querying, and management."

Create Tables and Load Data in MySQL by using phpMyAdmin
"Proficient in creating tables and loading data in MySQL using phpMyAdmin, facilitating efficient database management and data manipulation."

Data Analyst
Done 6 months of course from Coursera and submitted task and assignment on time.

LANGUAGES

English	●●●●○
Urdu	●●●●●