

Muhammad Mudassir

BS Computer Science Student | Tech Enthusiast

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LINKEDIN | HACKERRANK | GITHUB

EDUCATION

UNIVERSITY OF ENGINEERING AND TECHNOLOGY

COMPUTER SCIENCE BACHELORS

CGPA: 3.37

December 2022 - June 2026

Lahore, Pakistan

PUNJAB GROUP OF COLLEGES

COMPUTER SCIENCE INTERMEDIATE

Percentage: 93.45%%

August 2020 - July 2022

Lahore, Pakistan

VALIANT HIGH SCHOOL

SCIENCE MATRICULATION

Percentage: 93.36%%

August 2018 - July 2020

Lahore, Pakistan

EXPERIENCE

PUNJAB POLICE, GOP | INTERN/ VOLUNTEER

Lahore, Pakistan | August 2024 – October 2024

- Assisted in administrative and field operations under supervision of Punjab Police officials.
- Conducted observational visits to multiple police departments, including crime investigation units, IT cells, and community policing offices.

WEBDEV & ECC INTERNATIONAL | WEB DEVELOPER

Remote | May 2024 – August 2024

- Designing and developing responsive, interactive, and visually appealing websites and web applications using modern web technologies such as HTML5, CSS3, and JavaScript.
- Conducting thorough testing and debugging to ensure the reliability, performance, and security of web solutions across different browsers and devices.

CODSOFT | WEB DEVELOPER

Remote | September 2023 – October 2023

- Crafting visually captivating, interactive, and user-centric websites and web applications by leveraging cutting-edge web technologies, including HTML5, CSS3, and JavaScript.
- Navigating the dynamic landscape of web development trends and standards, infusing projects with innovative approaches and best practices to stay ahead of the curve.

SKILLS

PROGRAMMING LANGUAGES

LIBRARIES/Frameworks

TOOLS / PLATFORMS

DATABASES

C, C++, C#, Python, SQL, JavaScript, HTML, CSS, PHP

.NET, React, Django, Nuxt

Visual Studio Code, EdrawMax, MS SQL Server, MS Power BI, Overleaf Latex, XAMPP

MySQL, TSQL, SQL Server, MongoDB, PHPMyAdmin

PROJECTS / OPEN-SOURCE

SCRAPPING OF PAK WHEELS | LINK

Python, Tkinter, Visual Studio Code, DSA Concepts

- Utilized DSA concepts to implement efficient web scraping algorithms, allowing for the extraction of comprehensive data such as car listings, specifications, and pricing information from the Pak Wheels website.

- Implemented algorithms to process and clean the extracted data, ensuring accuracy and consistency for further analysis and usage.

CLEOPATRA EYEWEAR COLLECTION | [LINK](#)

React, Node, Vite, Visual Studio Code

- This is a full-stack web application for an eyewear retail business called Cleopatra Eyewear Collection. The application includes customer-facing e-commerce functionality as well as administrative features for managing products, bookings, and users. It uses a React frontend with a Node.js Express backend and Drizzle ORM for database interactions.
- Data and State Management React Query for server state, Authentication state via Context API, Form handling with React Hook Form and Zod validation

RESTAURANT MANAGEMENT SYSTEM | [LINK](#) Python, Qt Designer, Visual Studio Code, DSA Concepts

- Implemented functionalities for managing menus, including adding, editing, and deleting menu items with ease.
- Developed algorithms for efficient order processing, ensuring accuracy and timeliness in fulfilling customer orders.
- Implemented user authentication mechanisms to ensure secure access to system functionalities based on user roles and permissions.
- Integrated inventory management capabilities to track stock levels, facilitate reordering, and minimize waste.

UNIVERSITY MANAGEMENT SYSTEM | [LINK](#)

C#, .NET Framework, Visual Studio Enterprise, DB Concepts

- Implemented modules for student enrollment, registration, and academic record management, enabling administrators to maintain accurate and up-to-date student information.
- Designed interfaces for managing faculty details, course assignments, and scheduling, facilitating efficient faculty administration and course coordination.
- Developed modules for course creation, scheduling, and curriculum management, allowing administrators to organize and update course offerings effectively.

AIRFARE PRICE PREDICTION USING MACHINE LEARNING RESEARCH PAPER | [LINK](#) Python, Visual Studio Code, HTML, CSS, JavaScript

- Developed a machine learning model to predict airline ticket prices based on factors like departure time, seasonality, airline, route, and booking window.
- Implemented data preprocessing, feature engineering, and model selection using Python (Pandas, NumPy, Scikit-Learn).
- Visualized airfare trends using Matplotlib & Seaborn, identifying price fluctuations and best booking times.

CERTIFICATIONS

- FrontEnd Web Development Internship - **WEBDEV MASTERS AND ECC INTERNATIONAL**
- Finding Your Professional Voice: Confidence & Impact - **COURSERA**
- Beta MLSA - **MICROSOFT**
- SQL Advanced - **HACKERRANK**

HONORS & AWARDS

- Won 3rd Prize in Intermediate at College
- Won 1st Prize in Matric at School