

# Muhammad Abubakar Siddique

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## Professional Summary

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I am a final year student, aiming to become a backend developer. Try to ace every semester project by dealing with difficulties faced during development. Eager to enter the industry, and learn as much as possible in less time.

## Education

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BS Computer Science	FAST-NU	08/2020 - Present
FSC Pre-Engineering	KIPS College for Boys, Faisalabad	2018 - 2020

## Skills

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**Programming Language And Tools:** C++, C#, Python, Git, Visual Studio/Code, Jupyter Notebook

**Database:** SQL, PostgreSQL

**Backend Framework:** ASP.NET Core, Express Js, Javascript (Scripting Language)

**Frontend:** HTML, CSS, Bootstrap

**Data-Analytics:** NumPy, Pandas, Seaborn, Matplotlib, EDA, PostgreSQL, Python

## Projects

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### Smart Surveillance System - Final Year Project - YOLOv7, React, Express Js, PostgreSQL - [Present](#)

- Revolutionizing campus safety with monitoring; SSS delivers real-time behavior (smoking, fighting, littering) analysis and incident response by generating alerts, enhancing academic environments and ensuring compliance. Till now the project is in documentation phase.

### CHEAPRIDES - ASP.NET CORE MVC - (.NET6, HTML, CSS, Javascript) - [Github](#)

- Cheap Rides revolutionizes transportation by seamlessly connecting riders and customers through its user-friendly online platform. Riders register their vehicles, attracting potential customers, who effortlessly book rides or transportation services within their vicinity. This streamlined process enhances convenience, transparency, and accountability, benefiting both riders and customers.
- My role including writing Models, and defining relationship between classes written in model in dbcontext.
- Additionally, I focused on controllers for user bookings, ride rentals, and login, implementing CRUD operations adhering to a moderate level of RESTful API principles.

### Customer Data Analysis at Imtiaz Mall - (NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn) - [Github](#)

- This project focuses on analyzing customer data from the electronics section at Imtiaz Mall. Through a comprehensive data science approach, we aim to uncover insights into customer behaviors and preferences.
- My role involved Exploratory Data Analysis (EDA), Data Preprocessing. Finding in useful insights from data.
- Pandas, Numpy, Matplotlib, Seaborn, and Math for data manipulation, numerical operations, and visualization. Sklearn libraries for data preprocessing, clustering, and evaluating cluster performance.

### Hostel Management System - (C-sharp, Oracle11g, WinForms) - [Github](#)

- The hostel management system is a comprehensive solution, digitizing tasks like room allocation, student attendance, billing, maintenance, gym facilities, and visitor management. It centralizes operations, reducing paperwork and administrative burden while enhancing efficiency.
- My role included developing the CRUD operations for admin, user side.
- Designing the frontend for the application.

### Portfolio Website - (HTML, CSS, Javascript) - [Github](#) - [DeployedLink](#)

- Designed portfolio website mainly to practice my learning in on going web development course. Used Html, CSS. Hosted it on Github Pages.

## Certification And Courses

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Introduction to .NET Core - Coursera - [URL](#)

Data Manipulation with Pandas - DataCamp - [URL](#)

Data Manipulation in SQL - DataCamp - [URL](#)

Joining Data in SQL - DataCamp - [URL](#)

## Extra - Curricular

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### TESTIMONIALS HEAD (FVS- FAST VIDEOGRAPHY SOCIETY)

Recorded the testimonials of all guests visiting the university during events (ICIT'2023, DAIRA'2023)

### MEDIA HEAD - (SYMPHONICS - FAST MUSIC SOCIETY)

My role is of capturing photos, recording videos, and designing posters of musical event named MOSIKAAR happening in university. I contributed my efforts in this event for 2 seasons (years). MOSIKAAR'S02 AND S03.