



## Bilal Ahmad Akbar

**Nationality:** Pakistani **Date of birth:** 26/06/2000 **Gender:** Male

**Phone number:** (+92) 03336988126 **Email address:** [bilal84615@gmail.com](mailto:bilal84615@gmail.com)

**LinkedIn:** <https://www.linkedin.com/in/bilal-khan-3011a41b7>

**Home:** House 85, Street 2, Fateh Town, 56300 Okara (Pakistan)

### ABOUT ME

To enhance my academic knowledge and skills in a renowned university, pursue excellence in my field of study, gain practical experience to broaden my career prospects, and embrace new challenges.

### WORK EXPERIENCE

#### Intern

**Netixsol** [ 01/07/2022 – 30/09/2022 ]

City: Faisalabad

Country: Pakistan

I worked as a MERN/Blockchain Stack Developer. In this role, I have gained practical experience in developing web applications using the MERN stack and blockchain technology.

#### Teaching Assistant

**FAST NUCES**

City: Faisalabad

Country: Pakistan

Computer Networks  
Differential equation  
Design and Analysis of Algorithm

I worked as a teaching assistant for these courses. I was responsible for grading assignments, quizzes, and other practical work of students. This experience has allowed me to develop my communication and leadership skills.

### EDUCATION AND TRAINING

#### BS Computer Science

**FAST NUCES** [ 08/2019 – 06/2023 ]

Address: Faisalabad (Pakistan)

#### Higher Secondary School Certificate

**Board of Intermediate & Secondary Education** [ 2017 – 2019 ]

Address: Sahiwal (Pakistan)

Field(s) of study: Pre Engineering

Physics  
Chemistry  
Mathematics

## Secondary School Certificate

**Board of Intermediate & Secondary Education** [ 2015 – 2017 ]

Address: Sahiwal (Pakistan)

Field(s) of study: Science

Mathmetics

Physics

Chemistry

Computer Science

### LANGUAGE SKILLS

---

Mother tongue(s): **Urdu**

Other language(s):

**English**

**LISTENING** B2 **READING** B2 **WRITING** B2

**SPOKEN PRODUCTION** B2 **SPOKEN INTERACTION** B2

### PROJECTS

---

#### Gamingstan

P2P marketplace with an eCommerce store dedicated to gamers. Where gamers can buy and sell their gaming accounts and hardware. The platform aimed to address the issue of scams and the involvement of third parties in transactions, which had been a significant challenge for the gaming community.(React JS, Node JS, Express, MySQL)

#### Global COVID-19 Vaccine Distribution Analysis

This data science research aims to examine the global COVID-19 vaccine distribution, including which nations have received which vaccines. We can learn more about the global effort to battle the COVID-19 pandemic and spot trends and patterns in the vaccine distribution by examining the vaccine data. This information can be used to inform public health policies and strategies to ensure equitable vaccine distribution.

#### Watsapp Group Chat Analysis

This data science project was created to analyse WhatsApp group chat data and reveal communication trends. Finding the total number of messages sent by all users, getting the top 5 users by message volume, and figuring out which emojis they use are all helpful. Also, it offers stats like the total number of messages, words per minute, and average message length.

#### Kissan Mart

The purpose of the KISSAN MART e-commerce website project is to provide a platform for farmers to easily purchase pesticides, medicine, and feed for their livestock. This website aims to simplify the process of procuring agricultural products by enabling farmers to order products online from the comfort of their homes or farms(MERN STACK).

#### Library Management System

This project involves the creation of a desktop application with two separate admin panels - one for library book circulation and another for book selling. The circulation admin panel is designed to enable librarians to manage book checkouts, returns, reservations, reports, overdue books, and fines. They can also add new books to the catalog, update existing records, and manage borrower accounts. On the other hand, the selling admin panel allows for the management of book selling processes, pricing, and inventory management(.net and SQL)

#### Exam Scheduler

Based on information about exam dates, room availability, and instructor availability, this AI-based exam scheduling system is intended to automate the process of scheduling exams, assigning rooms, and assigning

teachers. The system optimises the schedule using an AI algorithm to reduce scheduling conflicts and make sure that all exams are scheduled appropriately(Python).

### **Marquee Managment system**

Data Structures Project in C++ with SFML frontend. In this project, data of marquees can be arranged by names or by price. When a user selects a marquee system tells him the total expense according to his dishes and guests. In the end system also tells user shortest distance from his town to marquee(C++).

### **Student management System**

Project in C++ with SFML frontend Student management system. The purpose of this project is to create a user-friendly and efficient system that enables administrators to organize, track, and analyze student data, such as their personal information, academic records, attendance, and performance. This system also provides students and parents with access to their personal data and academic progress(C++).

## **HONOURS AND AWARDS**

---

### **Certificate of CODIN-Guru**

LUMS

Win Certificate of CODIN-Guru Programming Competition held at LUMS in 2020 and 2023.

## **HOBBIES AND INTERESTS**

---

**Swimming**

**Book Reading**

**Horse Riding**

**Web Development (MERN)**

**Blockchain**

**Data Science**

## **DIGITAL SKILLS**

---

### **Programing languages**

C++ / Python / Java / C# / C

### **Web Development**

MERN stack Developer / HTML / JavaScript / CSS

### **Data Bases**

MySQL / SQL / MongoDB

### **Data Science**

Probability and Statistics / R language and R Studio / Machine Learning / information retrieval