

# SUHAIB IJAZ

## ASPIRING APP DEVELOPER

### CONTACT

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### EDUCATION

KIPS COLLEGE (2021-2023)

- FSc. Pre Engineering

UNIVERSITY OF CENTRAL PUNJAB (2023-2027)

- Bachelor of Computer Science

### SOFT SKILLS

- Critical Thinking
- Problem Solving
- Time Management

### TECHNICAL SKILLS

- C++
- MySQL
- Data Structures, Algorithms,
- OOP,
- Database Systems

### LANGUAGES

- Urdu (Fluent)
- English (Fluent)

### PROFESSIONAL SUMMARY

A highly motivated Computer Science undergraduate at UCP Lahore with a passion for solving real-world problems through software development. With a keen interest in systems programming, embedded systems, and scalable applications, I am seeking opportunities to apply my technical expertise, collaborate on innovative projects, and continuously grow as a developer.

### PROJECTS

#### Sentiment Analysis System

- Developed a sentiment classification tool in C++ that processes and analyzes large-scale text data for polarity detection. Applied preprocessing techniques to clean and tokenize raw input, removing stopwords and non-alphabetic characters. Designed and implemented a dictionary-based model with normalization logic to enhance prediction accuracy, simulating real-world natural language processing workflows.

#### Quiz Game

- Engineered an interactive quiz game in C++ using core OOP concepts such as inheritance, polymorphism, and operator overloading. Enabled admin-player role separation, dynamic quiz generation, and real-time performance tracking. Integrated file I/O, validation, and modular design to demonstrate clean architecture and user role management — simulating a practical software system.

#### NADRA Database Management System

- Designed and implemented a database-driven system simulating Pakistan's NADRA operations using MySQL. Built normalized schemas, enforced relational integrity, and wrote complex SQL queries (joins, nested, correlated, aggregates) to manage citizen data, CNIC records, and applications. Demonstrated proficiency in relational database design, SQL optimization, and backend data modeling — aligning with enterprise-scale data handling practices.

### CERTIFICATIONS

- Introduction to App Development by IBM
- Microcontrollers Programming and Interfacing