Javairia Qasim

Imtiaz Main Street
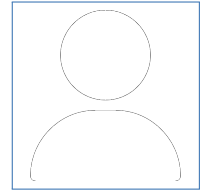Lahore, Pakistan
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Education

2021–2023	**FSC**, *The Punjab College*, Lahore
2024–2028	**BS Computer Science**, *University of Engineeering and Technology*, Lahore
	CGPA: 3.88/4.00

Projects

○ **ITEC Management System** | *C#, SQL Server, WinForms, OOP*

- Developed a multi-role desktop application to manage event registrations, committees, and participants
- Integrated 3-tier architecture with role-based forms for Students, Judges, Professionals, and Admin
- Linked participant data with events and teams using relational SQL structure
- Centralized edition ID through dashboard text input for dynamic data handling

○ **AutoParts Inventory Management System** | *C#, SQL Server, WinForms, OOP*

- Designed inventory management software for automobile parts and suppliers
- Implemented add/edit/delete/search functionality with validation
- Developed login/authentication system and supplier CRUD module
- Used SQL database helper class for secure connection management

○ **The Prince Archer Game** | *C#, WinForms, OOP*

- Created 2D adventure game with custom player logic, arrow physics, and health bars
- Implemented game loop, enemy AI, and collision detection using object-oriented design
- Designed interactive UI with animated elements and score tracking

○ **Auto Rental Management System** | *C#, SQL Server, WinForms, OOP*

- Built rental platform for cars, bikes, and trucks with vehicle-specific input forms
- Utilized inheritance and interface-based design for vehicle types
- Enabled bookings, returns, and data search across vehicle records
- Connected all modules to SQL backend for persistent storage

○ **Study Buddy Matcher** | *C++, File-Based, Console Based*

- Designed C++ console app to match students by subject and study style
- Used file handling for user registration, subject input, and matchmaking
- Applied object-oriented design with custom classes for students and matches

○ **Tricky Tower** | *C++, File-Based,Console Based*

- Developed text-based shape-stacking game with difficulty scaling
- Stored user progress and scores using file input/output
- Focused on class design, logic handling, and replayability features

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- **Poultry Management System** | *C#, SQL Server, WinForms, OOP*
  - Created desktop system to manage bird batches, feed schedules, and staff
  - Implemented role-based login for staff and admin
  - Enabled report generation using SQL queries and WinForms integration

- **Tech Store Inventory System** | *C#, SQL Server, WinForms, 3-tier Architecture,OOP*
  - Built a system to manage products, suppliers, customer orders, and billing
  - Implemented stock level tracking, batch management, and purchase order processing
  - Designed invoice generation module with print functionality and product selection
  - Used JSON serialization to export invoice and product data for external processing

- **Fertilizer Shop Management System** | *C#, MySQL, WinForms, 3-tier Architecture,OOP*
  - Developed system to handle inventory, suppliers, purchases, and customer billing
  - Integrated modules for supplier price records and purchase order lifecycle
  - Enabled role-based user access, reporting, and searchable product dropdowns
  - Implemented JSON serialization for storing and retrieving structured billing data

Skills

Languages	C#, Python, HTML, CSS, JavaScript, SQL
Tools	Visual Studio, Git, SQL Server, Canva , MS Office
FrameWork	ASP.NET
Databases	MySQL
Concepts	Database System , OOP
Soft Skills	Leadership, Communication, Problem Solving

Languages

English	Professional
Urdu	Native

Interests

Personal	Writing, Public Speaking, Event Management
Tech	AI Tools, Web Development, UI/UX Design