

### Profile Summary

Detailed-oriented Android developer with a BS in Information Technology (Arid Agriculture University Rawalpindi). Hands-on experience building Android apps in Java with Android Studio, integrating REST APIs, and managing SQL databases. Strong eye for UI/UX and a passion for QA skilled in test case writing, bug reporting, and performance tuning. Proactive communicator who delivers clean, maintainable code and user-friendly experiences. Seeking a growth-focused role where innovation, mentorship, and continuous learning are valued.

### Core Skills

- Android (Java), Retrofit, REST APIs
- SQL, Database Design, Data Modeling
- Manual Testing, Test Case Writing, Bug Reporting
- UI/UX: Wireframing, User Flows, Prototyping (Figma)
- Web: HTML, CSS, PHP (basic), MySQL, .Net
- Tools: Version control, Issue tracking

### Education

#### BS Information Technology

Arid Agriculture University Rawalpindi.

2020 - 2024

#### DAE (Civil)

Iqra College of Technology Islamabad (IIUI)

2017 - 2020

#### Matriculation

Swat Board

2015 - 2017

### Work Experience

#### Hostel Owner & Manager — Self-Employed

2018-2023

- Led operations for a 90+ resident facility,
- consistently maintaining a 95% occupancy rate.
- Managed budgets, handled vendor relations, supervised maintenance, and coordinated staff scheduling.
- Developed and executed marketing strategies that boosted new inquiries
- Trained and supervised staff to ensure high standards of safety, hygiene, and customer care.
- Maintained audit-ready financial documentation
- Ensured full regulatory and operational compliance.

### PROJECT WORK

#### Final Year Project Student & Faculty Relationship App

##### FYP-I (Research and Design Phase)

2023

- Researched communication gaps and prepared project documentation.
- Designed ERD, flowcharts, and system architecture.
- Created UI/UX designs using Figma, Photoshop, and Canva.
- Prepared reports and citations for documentation.

- Developed an Android app to connect students and faculty.
- Added birthday notifications, event sharing, and auto-replies.
- Integrated emoji/sticker messaging and admin panels.
- Used Android Studio, Retrofit, .NET Web API, and SQL Server.

**Semester Projects****Banking Network System** *Course: System Administration and networking SNA* 2021

- Designed and deployed a virtual banking network environment using Oracle VirtualBox.
- Installed and configured Windows Server 2012/2016 as the main bank server.
- Connected multiple Windows 8 client systems to the server for centralized control.
- Implemented Active Directory (AD), DNS, and DHCP services for secure user authentication and resource management.
- Configured file sharing, printer access, and user permissions to simulate real banking.
- Conducted network testing and troubleshooting to ensure reliable connectivity between virtual systems.
- Documented the full VirtualBox configuration, network topology, and setup process for project submission and demonstration.

**Signal Block:** *Course: Basic Electronic* 2021

- Built an educational transistor-based circuit to demonstrate signal detection and attenuation.
- Used BJT transistors, RC filters, and biasing networks for stable signal sensing.
- Added LED and buzzer indicators to show signal activity.
- Assembled prototype on breadboard and finalized it on PCB.
- Tested using a multimeter and oscilloscope for accurate performance.
- Demonstrated shielding and filtering concepts for safe signal attenuation.
- Prepared full documentation, including circuit diagram, components, and results.

**Online Shopping Web:** *Course: e comrece PHP* 2022

- Built a full-featured online shopping platform using PHP and MySQL.
- Implemented user authentication, product catalog management, and secure payment.
- Designed a responsive and mobile-friendly interface for a seamless shopping experience.
- Focused on SEO optimization to improve website visibility and search rankings.
- Added admin panel for managing products, users, and orders efficiently.
- Ensured data validation, error handling, and secure session management.
- Tested and optimized the system for performance, usability, and scalability.

**ATM Management System:** *Course: Visual Programming c#* 2022

- Developed a desktop-based ATM system using C# (Windows Forms) and SQL Server.
- Implemented secure user authentication with PIN verification and account validation.
- Designed modules for balance inquiry, cash withdrawal, deposit, and transaction history.
- Used SQL Server to store and manage customer data and transaction records securely.
- Applied data validation and exception handling.
- Designed an intuitive user interface for smooth navigation and realistic ATM simulation.
- Testing and debugging to ensure system accuracy and prevent unauthorized access.
- Documented complete ERD, flowchart, and functional modules for presentation.

Developed a desktop-based online bus ticket system using C# and SQL Server to simplify ticket booking and management. The system allows passengers to search available routes, view bus schedules, and reserve seats online. It includes features for ticket generation, fare calculation, and passenger record management.

The admin panel enables route management, seat tracking, and booking reports. The application was designed with a user-friendly interface and a focus on data integrity and real-time availability updates.

**Key Features:**

- User and Admin authentication system
- Bus route and schedule management
- Online seat reservation and ticket printing
- Fare calculation and payment confirmation
- SQL Server database integration for data storage and retrieval

**Tools & Technologies:** C# (.NET Framework), SQL Server, Windows Forms

**Tic Tac Tia Game (C# Windows Forms)** Course: Parallel and Distributed Computing 2023

- Developed a two-player Tic Tac Toe game using C# and Windows Forms Application.
- Designed an interactive graphical interface for a smooth gameplay experience.
- Implemented game logic to detect win, loss, and draw conditions automatically.
- Added real-time updates for player turns (X and O) with clear visual indicators.
- Used buttons and labels to create an intuitive game board and scoreboard.
- Incorporated reset and restart functionality for continuous play.
- Applied modular programming techniques for clean and maintainable code.
- Focused on error handling to prevent invalid moves or crashes.
- Enhanced the user experience with color changes and responsive design.
- Demonstrated strong understanding of event-driven programming in C#

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**Additional Information**

- Strong passion for QA testing and UI/UX improvement.
- Experienced tax consultant skilled in IRIS Portal and tax return filing.
- Quick learner with the ability to adapt to new tools and technologies.
- Excellent team player with strong collaboration and communication skills.
- Available for full-time on-site work.
- Male candidate based near Islamabad.
- ready to join immediately and contribute to a dynamic, growth-oriented team.

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**Interests**

- Mobile App Development
- Web Design
- Learning New Technologies
- Research
- Mentorship