UMER FAROOQ

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[LinkedIn](#) [GitHub](#)

SUMMARY

Creative and detail-oriented developer with over three years of experience in app, game, and web development. Skilled in building responsive interfaces, optimized 2D games, and full-stack web applications using modern frameworks and design patterns like MVC and MVVM. Strong collaborator with experience in Git-based workflows and agile task management. Passionate about clean code, interactive design, and building scalable applications.

WORK EXPERIENCE

Freelance Developer   **August 2023 - August 2024**
- Built C#/Java desktop apps with SQL database back-ends, following MVC design for maintainability.
- Developed optimized 2D games (Snake, Tetris, RPG prototypes) in C++ using SFML/SDL2 engines
- Integrated front-end (React) and back-end (Node.js/Express) for DJ App Systems

EDUCATION

Bachelor of Computer Science   **August 2022 - Present**
National University of Computer and Emerging Sciences, Islamabad, Pakistan
  - Awarded Dean's List in Spring 2023

PROJECTS

- **DJ Web App:** Real-time music streaming interface with React/Express, RESTful API integration, and responsive design
- **Torrent & Student Management Systems:** JavaFX desktop apps implementing CRUD operations and user authentication, with networking features developed using Computer Networks concepts like sockets and client-server architecture.
- **MVC Game Suite:** Collection of classic games (Wordle, Blackjack, Battleships, Scribble) built in C++ with modular MVC code

KEY SKILLS

- **Languages:** C, C++, C#, Java, Python, JavaScript, HTML5/CSS3
- **Web & App Frameworks:** React, JavaFX, Windows Forms (.NET), WPF, MVC/MVVM architecture
- **Database:** MySQL, PostgreSQL, MongoDB; LINQ integrations
- **Computer Networks:** Socket programming, Client-Server Architecture, TCP/UDP, Multithreaded Communication
- **Version Control & Tools:** Git, GitHub, Trello
- **Practices:** Component-based Architecture, Responsive UI Design, CRUD Operations, Agile Development

INTERESTS

- Video Games
- High Performance Computing
- Quantum Computing

LANGUAGES

- English - Native or Bilingual Proficiency
- Urdu - Native or Bilingual Proficiency