



# Muhammad Humza Butt

**Nationality:** Pakistani **Date of birth:** 13/08/1999 **Gender:** Male

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## ABOUT ME

I am a passionate game developer with 3+ years of experience, dedicated to creating immersive and captivating gaming experiences. I have strong programming skills and a keen eye for visual aesthetics, experience in multiplayer game development, and a solid grasp of project management, version control, and workflow automation. I am committed to continuous learning and delivering exceptional results.

## WORK EXPERIENCE

### Lead Game Engineer

**Crosshair Technology** [ 01/08/2023 – Current ]

Country: Pakistan

As a team lead, my key responsibilities are as follows:

- I oversee the development of intricate gameplay mechanics and ensure optimal performance across multiple platforms.
- Conduct Research and Development on new technologies to enhance game development processes.
- Solve intricate debugging challenges to optimize code and maintain high-performance standards.
- Streamline workflows, enforce rigorous source control practices, and devise effective project management strategies to meet deadlines consistently.
- Mentoring and guiding junior developers, fostering a harmonious team environment, and nurturing their growth.
- Collaborate and communicate with a diverse range of clients, ensuring project requirements are understood and delivered to exceed expectations.
- Contribute to game design, art direction, and other creative aspects of gaming projects.
- Leverage data analysis tools to extract insights from player behavior data, informing strategic decisions for enhanced gameplay experiences.

### Senior Game Engineer

**Crosshair Technology** [ 01/08/2021 – 30/07/2023 ]

Country: Pakistan

In my role as a Senior Game Engineer, my responsibilities encompass:

- Developing complex 3D/2D games for diverse platforms.
- Publishing games on Android and iOS app stores, along with deploying games on WebGL.
- Identifying and resolving bugs to maintain peak game performance.
- Implementing new features and functionalities through C# coding.
- Integrating Ad networks and SDKs like Firebase, Applovin, Facebook SDK, AppsFlyer, and PlayFab to boost game revenue and provide robust backend services.
- Conducting code reviews.
- Guiding and supervising junior developers to create a harmonious and productive work environment.

### Freelancer

[ 01/01/2021 – Current ]

Country: Pakistan

As a freelancer, I've collaborated with a diverse clientele on various projects. My specializations include:

- Developing engaging games.
- Project management.

My primary focus is on simplifying complex concepts and assisting clients in selecting the most suitable solutions for their projects. I am deeply passionate about my work. This passion drives me to consistently deliver swift, high-quality results, ensuring that each project meets my client's needs and expectations.

## EDUCATION AND TRAINING

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### Bachelor of Science in Software Engineering

**COMSATS University Islamabad** [ 15/09/2017 – 15/09/2021 ]

City: Lahore

Country: Pakistan

## LANGUAGE SKILLS

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Mother tongue(s): **Urdu**

Other language(s): **English**

## DIGITAL SKILLS

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### Technical Skills:

Unity 2D/ 3D / C# / Multiplayer Development / Augment Reality / Microsoft Playfab / Applovin / Google Analytics, Google Firebase / Algorithms and Data Structures

### Data Skills:

Requirements Analysis / Data Analysis / Data Analytics, Data Visualizataion

### Source Control:

Version Control System (Git) / Github / Plastic SCM

### Other:

Problem Solving / Critical Thinking / Decision-Making / Project Management / Atlassian stack (Jira, Confluence, ...) / Technical Training / Teamwork / Communication / Leadership

## PROJECTS

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### Dark Taverns

Dark Taverns is an open-world MMORPG set in a unique fantasy world filled with hidden secrets and magic.

Link: <https://dt-builder-stagging.s3.amazonaws.com/Builder/index.html>

### Solitaire Classic Card Game

Experience the classic Klondike solitaire game. The game is available on both Android and iOS platforms.

Links: <https://apps.apple.com/cy/app/solitaire-classic-card-game/id1605913010> | <https://play.google.com/store/apps/details?id=com.megarama.solitaire&hl=en&gl=US>

### Other

For additional project details, please refer to my portfolio.

Link: <https://humza-13.github.io/all-projects.html>