



Muhammad Humza Butt

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ABOUT ME

I am a passionate game developer with 2+ 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 [1 Aug 2023 – Current]

Country: Pakistan

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

- I direct the development of complex gameplay mechanics and ensured optimization for peak performance across multiple platforms.
- Conducting Research and Development on new technologies to enhance game development processes.
- Solving intricate debugging challenges to optimize code and maintain high-performance standards.
- Streamlining workflows, enforcing rigorous source control practices, and devising effective project management strategies to meet deadlines consistently.
- Mentoring and guiding junior developers, fostering a harmonious team environment, and nurturing their growth.
- Collaborating and communicating with a diverse range of clients, ensuring project requirements are understood and delivered to exceed expectations.
- Contributing to game design, art direction, and other creative aspects of gaming projects.
- Leveraging data analysis tools to extract insights from player behavior data, informing strategic decisions for enhanced gameplay experiences.

Senior Game Engineer

Crosshair Technology [1 Aug 2021 – 30 Jul 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

[1 Jan 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

Bachelor of Science in Software Engineering

COMSATS University Islamabad [15 Sep 2017 – 15 Sep 2021]

City: Lahore

Country: Pakistan

LANGUAGE SKILLS

Mother tongue(s): **Urdu**

Other language(s): **English**

DIGITAL SKILLS

Technical Skills:

Unity 2D/ 3D / C# / Multiplayer Development / 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 and interpersonal

PROJECTS

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>