Ghulam Mustafa Rao

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GitHub: github.com/Ghulam-Mustafa-Rao

Portfolio: ghulam-mustafa-rao.github.io/portfolio

SUMMARY

Passionate Unity Game Developer with 3+ years of experience building mobile and PC games. Skilled in Unity (2D/3D), C#, Photon Fusion, Mirror, AI systems, multiplayer mechanics, and performance optimization. Experienced in integrating Firebase, Google Ads, AppLovin, IronSource, and monetization systems. Strong focus on clean architecture, scalable systems, and immersive gameplay.

WORK EXPERIENCE

FUNSOL Technologies – Unity Developer | Nov 2022 – Present

- Developed FPS, TPS, simulation, puzzle, casual, hyper casual, PC, and blockchain games with advanced AI, optimized performance, and engaging mechanics.
- Integrated Firebase, Appsflyer, and Game Analytics for player insights; monetized with Google Ads, AppLovin, and IronSource.
- **Key projects:**
  - **FPS Games:** AI & new modes.
  - **Slush Sort Puzzle:** Photon Fusion 2 multiplayer, AI-driven difficulty.
  - **Scary Halen Naughty Kid Game:** AI behaviors, cutscenes.
  - **Donut Empire Tycoon:** Simulation + optimization.
  - **Paint Olympus:** PC game, Third Person Shooting (TPS), Photon Fusion 1 multiplayer, APIs + blockchain integration.

Rao Software Solutions – Junior Unity Developer | Apr 2022 – Aug 2022

- Built three Unity games (offline + online multiplayer with Photon PUN).
- Integrated Facebook, Firebase, SQLite, and Unity Ads.

EDUCATION

BSc Computer Science – National University of Modern Languages, Islamabad (2022)

COURSES

Atomcamp AI & Data Science Bootcamp (2025): Covered EDA, ML, DL, NLP, LLMs, and Computer Vision.
Game Train Unity Professionals Training Program (2022): Covered Unity, C# (Basic & Advanced).

SKILLS

- **Game Dev:** Unity 2D/3D, C#, OOP, SOLID, Game AI, Photon Fusion, Mirror Networking, Multiplayer Mechanics, Performance Optimization.

- **Tools & Integration:** Firebase, Google Play Services, AppLovin, IronSource, Unity Ads, SQLite, Git/GitHub, APIs Integration.

- **Soft Skills:** Problem-Solving, Team Collaboration, Project Ownership, Adaptability, Attention to Detail, Documentation.