

# Mohammad Hammas Malik

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## About Me!

Passionate Blockchain and Game Developer with strong expertise in Unity (2D/3D), Solidity, Python, and C#. Experienced in building decentralized apps (dApps), crypto-based games, and interactive digital platforms that blend gameplay with real-world tokenomics. Skilled in developing and deploying smart contracts on Ethereum, integrating MetaMask and Thirdweb SDK, and managing backend systems using PlayFab. Also developed a Face Recognition System using Python and OpenCV, showcasing a solid foundation in AI, computer vision, and algorithmic problem-solving. Dedicated to delivering clean, scalable, and innovative solutions across blockchain, game development, and UX/UI design.

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## Experience

**Game Developer – Final Year Project** 24 July 2025

- Tap-and-Play Crypto Earning Game – **Secured 2nd Position**, CECOS CS Department
- Developed a Unity mobile game with integrated blockchain tokenomics using ERC-20 Token contract and MetaMask
- Designed daily rewards, XP leveling, token earnings, and NFT claiming systems
- Created game assets (UI, characters, environments) using Illustrator & Photoshop
- Prototyped using Figma

**Graphic Designer – Art Frequency Studio / Insight Ecommerce** Sep 2022 - Present

- Designed brand identities, logos, and marketing materials
- Created eCommerce layouts, social media posts, and packaging designs
- Led rebranding and visual communication strategies

**Graphic Designer – Google Developer Student Clubs** Dec 2023

- Designed graphics for targeted developer campaigns and events
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## Technical Skills

### BlockChain Development:

Languages & Tech: Solidity | HTML | CSS | JavaScript

Platform: Ethereum | MetaMask

Smart Contracts: ERC-20 Contract etc | dApp Integration | Deep linking

### Game Development :

Game Engine: Unity 2D | C#

Programming: C#, JavaScript

Backend & services: Ethereum | Metamask | ERC-20 Contract etc

BlockChain & Integration: Ethereum | Metamask | ERC-20 Contract

### AI Development:

Technologies: Python | Face Recognition with OpenCV | data set labeling

Languages: Python

## UX/UI & Graphic Design:

Design Tools: Figma | Adobe Illustrator | Adobe Photoshop | Canva

Skills: UI/UX Design | Wireframing | Prototyping | Branding | Visual Storytelling

## Other skills:

Ms Word| Exel | Power Point | Communication | Presentation Skills | Problem solving | Time Manage

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## Education

Bachelor of Computer Science

Oct 2021 - July 2025

- CECOS University of IT and Emerging Sciences, Peshawar Pakistan

Higher Secondary Certificate • Concordia College Peshawar

2019 - 2020

- Graduate from College with Pre- Engineering with A1 grade both 1st and 2nd year.

Secondary School Certificate • Qadims Lumiere School Peshawar

2007 - 2018

- Started School at Qadims Lumiere School Peshawar and graduate under BISEP With A1 Grade.
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## Projects & Freelance work:

Tap Chain : Block Chain & Game Development

Aug 2023 - Aug 2023

- Prototyped interactive Unity games with C# scripting and asset design.
- Block Chain Based decentralized game Integrated with ERC-20 Token Contract deployed on Ethereum.
- PlayFab (Back end) Integrated for Database server.

Face Recognition : AI Developement

Aug 2023

- Developed a Python-based face recognition system using OpenCV and Haar Cascade classifiers for real-time identity detection.
- Implemented facial data collection, training, and recognition modules with high accuracy across multiple individuals.
- Designed a labeled dataset for supervised learning, enabling the system to distinguish between known and unknown faces.

Personal Branding & Communication Design

Jul 2023

- Designed logos and branding for Show Shoe (2023), resulting in strong first-year sales.
  - Designed product images, business cards, and social media posts for clients.
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## Courses and Certification:

- Block Chain Specialization - Cousera (In progress)
- Block Chain Basic - Cousera.
- Smart Contract (Solidity) - Cousera
- Programming with C# (In Progress) – Coursera (Microsoft)
- UX/UI Designing (2024) – NAVTCC
- Graphic Design & Freelancing (2023) – DigiSkills.pk