

Salma Ramadan

XR Developer | Unity Developer
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Profiles

Portfolio	Upwork	Linkedin	Github
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Summary

4+ years of experience building immersive real-time experiences across digital heritage, interactive storytelling, games, and research. I bridge art and engineering by creating custom tools, shaders, rendering workflows, and optimized XR systems that help teams build visually rich experiences for standalone VR. Passionate about solving technical challenges creatively and enabling artists through better workflows.

Skills

- 🔧 **XR Development**
Unity, OpenXR, Meta SDK, XR Interaction Toolkit, AR, WebXR
- 💻 **Programming**
Python, C++, C#, JavaScript, Java, Three.js
- 🎮 **Unity Development**
Unity Editor Tooling, Shader Programming, VFX Graph, Light Baking, Post Processing, performance optimization
- 📦 **3D & Content**
Blender, Photoshop, Illustrator, Figma, Level Design
- 🔗 **Tools & Systems**
Git, Linux, Unity Profiler

Experience

Medrar for Contemporary Art

Cairo, Egypt

Technical Artist | XR Developer · Project Based

Oct 2022 - July 2025

- Developed Unity editor tools that enabled artists to build and iterate interactive installations independently
- Built shaders, rendering workflows and reusable interaction systems tailored to immersive storytelling experiences
- Optimized lighting, rendering, and assets for standalone Meta Quest experiences
- Contributed to development of award-winning immersive experiences

Upwork

Remote

XR | Unity Developer · Freelance

Mar 2023 - Present

- Collaborated directly with clients from concept to delivery, translating creative ideas into production-ready experiences

Deepscope

Remote, London

XR Developer · Part Time

Apr 2023 - Jul 2023

- Maintained and upgraded old projects
- Implemented Mixed Reality features including Passthrough and Spatial Anchors using the Meta SDK
- Collaborated with designers and product teams to deliver production-ready features

U.S. Embassy - 412 Labs

Cairo, Egypt

XR Instructor | Mentor · Part Time

Oct 2022 - Mar 2024

- Mentored 100+ students at XR diploma offered by U.S. Embassy
- Delivered weekly technical workshops on Unity XR, optimization, and debugging
- Supported graduation projects from concept through final showcase

Education

Helwan University B.Sc. · Computer and Systems Engineering · Egypt	Oct 2023 - Present
ACC (U.S. Embassy) & 412 Labs XR Development Diploma · Egypt	Jul 2022 - Sep 2022

Certifications

<u>AkyLade Certified XR Developer</u> AkyLade	Jul 2025
<u>Nasa Space Apps - Mentorship</u> 11th edition	Dec 2025

Community & Teaching

<u>XR Workshop</u> Ana Masry NGO	Feb 2025
<u>VR Workshop for Artists</u> Medrar	Nov 2024
<u>Into to VR Workshop</u> American University Cairo (AUC)	Nov 2024
SensAi Hackathon Global Organizer	
Helwan Station Student Activity Technical Director	