

Dcomm Valhalla Hackathon

Team CyberBoys



Team Details:

Team Leader

Mr. Sujal Garg

Member 1

Mr. Vishal Gupta

Member 2

Mr. Sushant Dhiman

Member 3

Mr. Jai

Member 4

Mr. Vansh Narang

Member 5

Mr. Sahil

PROBLEM STATEMENT

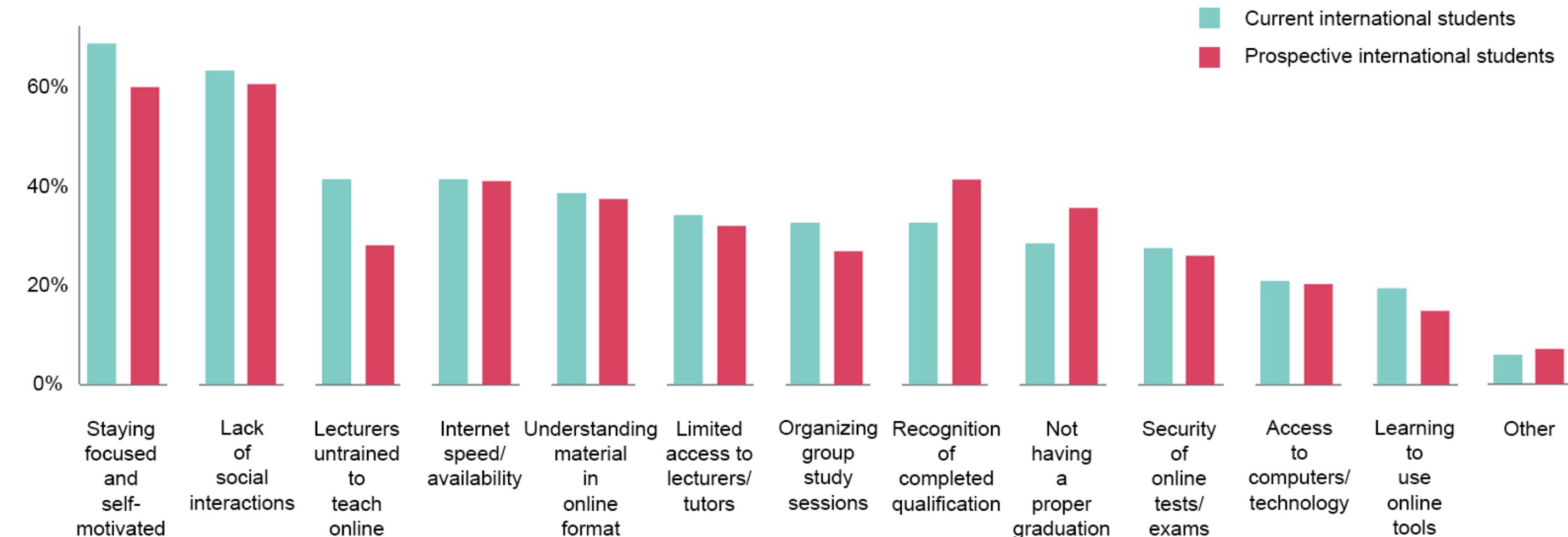
LOKI Track

MetaClass

In online Education System Students find it difficult to remain engaged, leading to disinterest in the subject matter and the class as a whole. The lack of an in-class environment in online classes is a key factor contributing to this disengagement. As a result, many students are skipping or not participating in online classes, which has a negative impact on their academic performance.

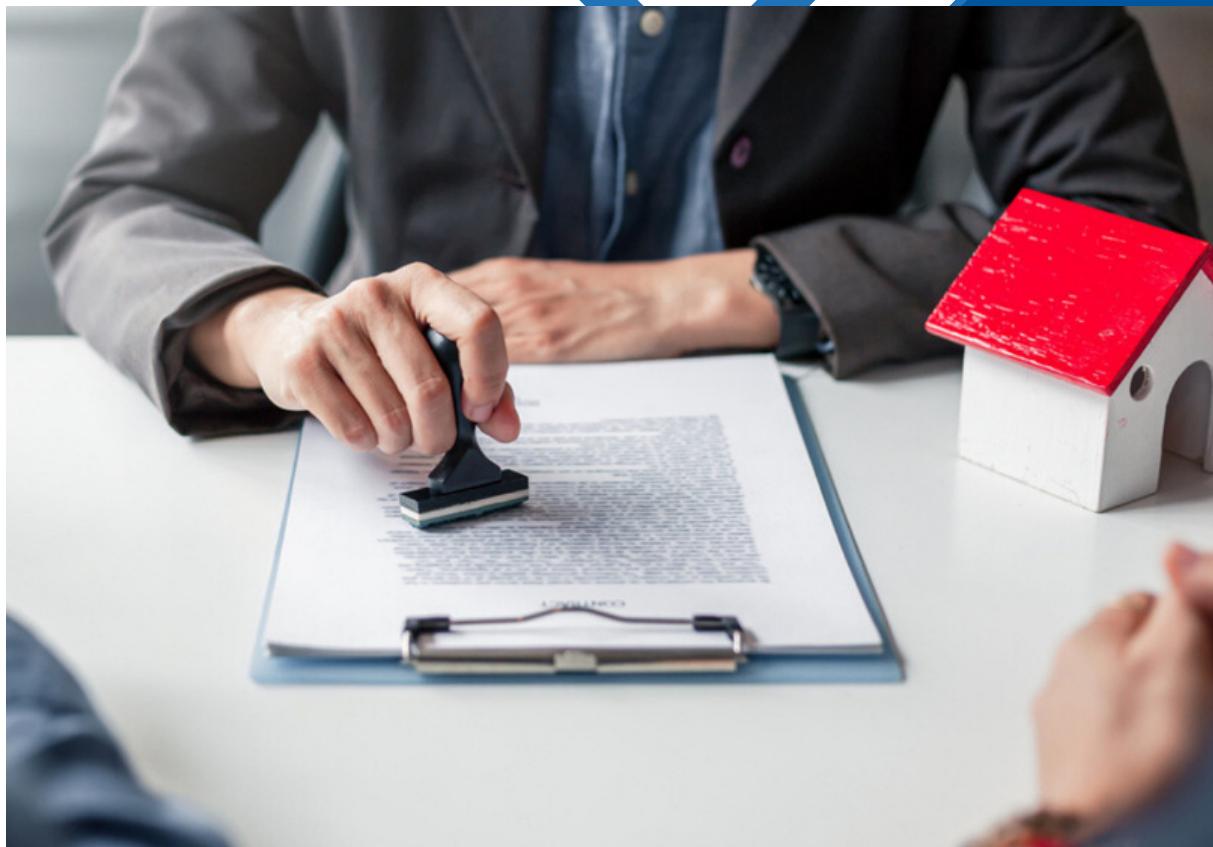
Students Council Survey

What are you concerned about with studying online?

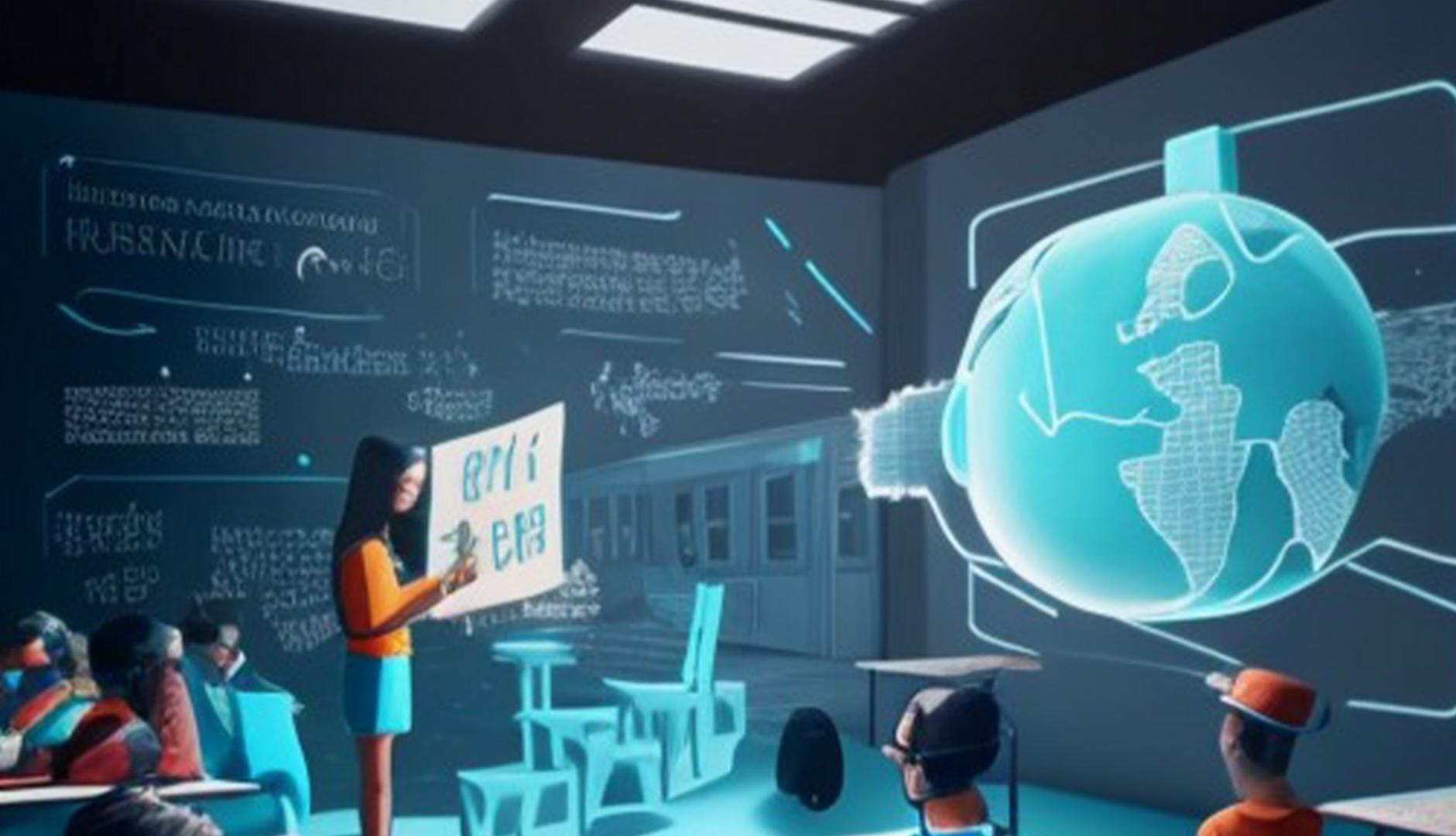
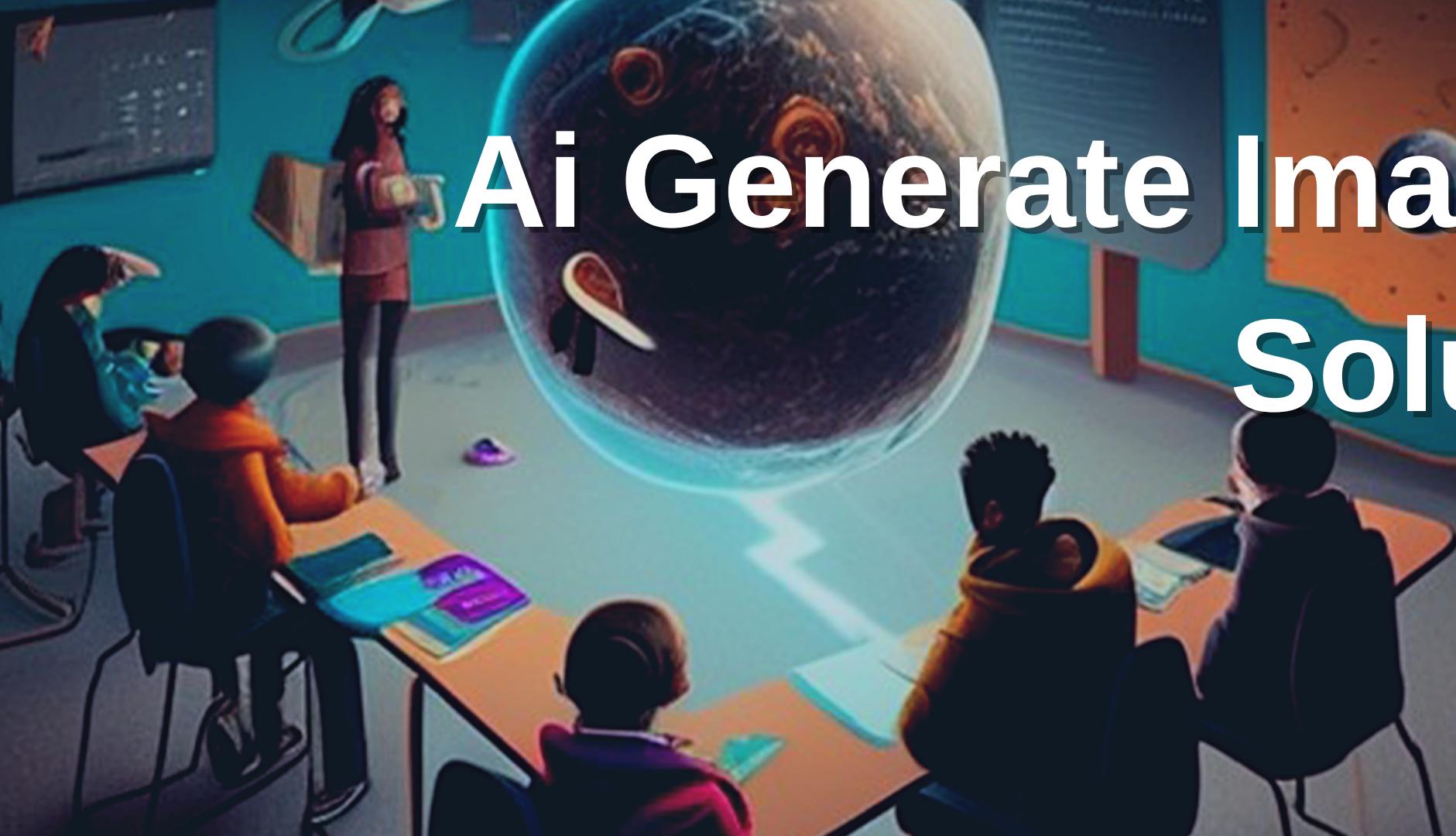


SOLUTION

A metaverse is a shared, online 3D space where users can interact with each other and with computer-generated objects and avatars. The proposed solution is a Mixed Reality (MR) classroom education portal based on the metaverse. The solution comprises of Virtual Reality (VR) online classes, mentoring, classroom assignments, and exams all on one engaging and interactive classroom platform.



Ai Generate Image Description of Solution



Features of our solution

- Development of a Metaverse Mixed Reality classroom education system that utilizes online platforms to engage students in the education process. This address the challenges associated with traditional online education systems.
- The proposed solution would leverage mixed reality technology to create an immersive learning environment for students.
- The proposed solution has the potential to transform online education by providing a wide scope for visual and artificial teachings.

DEPENDENCIES



Blender

Blender is a free and open-source 3D computer graphics software tool set used for creating animated films, visual effects, art, 3D-printed models, motion graphics, interactive 3D applications, virtual reality, and, formerly, video games.



Unity

Unity is a cross-platform engine. The Unity editor is supported on Windows, macOS, and the Linux platform, while the engine itself currently supports building games for more than 19 different platforms, including mobile, desktop, consoles, and virtual reality.



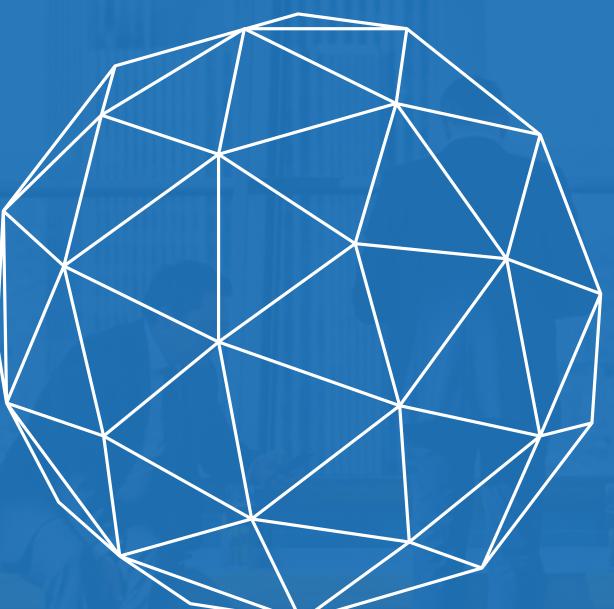
Ethereum Blockchain (Truffle Suite)

Quickly build, test, debug, and deploy using the Truffle CLI. Write scripts and plugins to automate common processes. Interact directly with the blockchain



Firebase

Firebase is an app development platform that helps you build and grow apps and games users love. Backed by Google and trusted by millions of businesses around the world.



Thank you

