Gaurav Bhardwaj

Unity | Application & Game Development | Virtual Reality

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Github | **Behance** | **YouTube**

EXPERIENCE

Firexit Software Pvt. Ltd., Hyderabad- Unity Contractor

July 2019 - Present

Projects worked on:
• A Virtual Reality Physiotherapy application for head and hand-eye coordination (Oculus Go and GearVR). Designed environment and wrote C# scripts. Used PlayerIO as cloud service.

• A competitive mobile gaming app that rewards users. Used PlayFab LiveOps services. *(Project unreleased, under development)*

• VR tourism app with MapBox and Google StreetView integration. *(Project unreleased, under development)*

Bigthinx Software Pvt. Ltd., Bengaluru—Unity Developer

April 2018 - July 2019

• Developed character clothing systems for multi-layered clothes.

• Inverse Kinemics and runtime operations on humanoid rigs.

• Worked heavily with CDN delivered AssetBundles, graphics and persistent data.

• Created application wide UI, including dynamic content.

• Integrated various services like IAPs, Appsflyer Analytics, User Management and Authentication using Firebase, AWS, FB, Google

• Wrote native Android plugins in Java for integrating with the Unity application.

• Porting of the application to iOS from Android. Also oversaw WebGL versions.

SKILLS

Languages: C#, Java, C++

Engines & Frameworks: Unity3D, Unreal Engine, GameMaker Studio, OpenGL

Platforms: Android , IOS, VR, AR, WebGL

Tools: Audacity, Photoshop, Blender

EDUCATION

Maharaja Agrasen University, Solan — Bachelor of Technology

2014 - 2018

Victoria Royale Public School, Baddi - 10+2

2014

PROJECTS

Java Game Engine - Game Engine Framework

- Rendering engine with lighting, normal maps and GLSL and HLSL shader parser.

- Terrain generation using height maps and blend maps with multi texturing support

UniIEX - API Wrapper

- IEX Trading API wrapper that supports querying stock symbols.

- Provides callback and task based asynchronous C# API

AWARDS

Smart-India Hackathon 2017 Finalist.