

Hareesh P

Game Developer

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)
(+91) 6282572966
hareeshpadinjath@gmail.com

Skills:

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| • Language | : C#(Intermediate), C++(Intermediate), Python(Intermediate) |
| • Programming | : OOPs, DS and Algorithms |
| • Game Engine | : Unity |
| • Source control | : Git |
| • Design Patterns | : Singleton, MVC, Observer, State, Object Pool, Command, Factory |

Projects:

ScifiRunner - (Git-hub) (Video) : A sci-fi FPS game (player needs to run to the portal)	<ul style="list-style-type: none">Used MVC architecture for the player component.Used Observer Pattern For achievement system.Scriptable objects in the creation of player
Into The Light - (Git-Hub) (Video) : A 2D Game (Player need to stay on the light to heal)	<ul style="list-style-type: none">Used Tilemap system to create grid-based levelsShowcased 2D Sprite animation skillsDeveloped a level lock system
BattleTankGame - (Git-hub) (Video) : A 3D Top Down Shooter Game with Tanks	<ul style="list-style-type: none">Implemented an MVC system for players, enemiesDeveloped Object Pool design patternsObserver design model for tracking and rewarding progress in the game.Finite State Machine (FSM) to control enemy tank states
Chest-System - (Git-Hub) (Video) : A chest system similar to clash Royale	<ul style="list-style-type: none">Variety of chest types using Scriptable objectsFinite State Machine (FSM) to control chest statesDynamic UI pop-ups for all cases.

Experience:

04/2023 - Present :	Full Stack Game Developer Apprenticeship (Outscal) <ul style="list-style-type: none">Acquired expertise in applying different design patterns for developing well-structured, maintainable, and efficient software solutions.A strong understanding of data structures and optimization strategies..Mastered the art of optimizing Unity games, Enhancing rendering performance, Reducing load times, Resulting in a smoother and enjoyable player experience.
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Education:

Degree	Discipline/Board	Institution/school	Passing Year	Percentage/CGPA
BTech	Computer science Engineering	MA college Kothamangalam	2022	7.5
Intermediate Education(12th)	PCM+ Biology, Kerala state Board	St:mary's Higher Secondary School	2017	92
Metric Education(10th)	Kerala Board	St:mary's Higher Secondary School	2015	95