**Prince Patel** 799 Midland Ave, Scarborough, M1K 4E8

647-802-7812 | [mail@princepatel.ca](mailto:mail@princepatel.ca)

<https://www.linkedin.com/in/tech-realm-gamer/> | <https://princepatel.ca>

**GAME PROGRAMMER**

UNITY & UNREAL ENGINE | AI & GAMEPLAY SCRIPTING | C++ / C#

* Proficient in a variety of programming languages, including C++, C#, and Java, with a comprehensive understanding of technologies such as Microsoft’s .NET, DirectX & OpenGL
* Experienced with Unity and Unreal Engine game engines, showcasing the practical application of game development skills.
* Proven ability to rapidly prototype and refine projects to meet high standards, reflecting a commitment to delivering polished and engaging game experiences.
* Recognized for excellent problem-solving abilities, with a track record of efficiently addressing challenges and finding innovative solutions.
* Excellent problem solver and quick learner with the ability to perform well individually or as a part of team.

**RELATED WORK EXPERIENCE**

**UE4 Game Programmer (Intern)** 06/2021 – 12/2021

WildChild Studios, Ahmedabad, INDIA

* Played a key role in the development of immersive 3D VR games in Unreal Engine 4 under the guidance of senior developers, ensuring heightened project quality and delivering a distinctive gaming experience.
* Innovated by introducing advanced features and gameplay elements using Unreal Engine Blueprints system.
* Collaborated seamlessly within a dynamic team, fostering effective communication with artists, designers, and developers to integrate diverse game elements.

**EDUCATION**

**Game - Programming (Fast Track) Advanced Diploma** 09/2022 - Present

Centennial College, Toronto, ON

* Current GPA of 3.7/4.5
* Related Courses Include:

Game Programming, Advanced Graphics, Simulation Design, Practical Game Design,

Mobile Apps Development, Data Structure & Algorithms

**Information Technology - Bachelor of Engineering** 08/2017 – 07/2021

Gujarat Technological University, Ahmedabad, India

* CGPA of 9.07/10
* Related Courses Include:

Computer Graphics, .Net Technology, Operating System, Object Oriented Programming

with C++, Advanced JAVA, Advanced Engineering Mathematics

**Prince Patel** 647-802-7812 | [mail@princepatel.ca](mailto:mail@princepatel.ca)

**PROJECT WORK**

**RealmX Engine** 12/2023 – Present

Toronto, ON

* RealmX Engine is a game engine/framework constructed entirely from scratch using C++, with WPF (C#) integration for user interface.
* Applied strong programming skills in C++ to implement core functionalities, demonstrating a deep understanding of low-level game engine development.

**Biohazard Outbreak: Nightmares Unleashed** 09/2023 – 12/2023

Centennial College, Toronto, ON

* A first-person shooter, set in a post-apocalyptic world where a deadly virus has turned humans into aggressive mutants.
* Leveraged advanced graphics and rendering techniques to create a visually stunning and atmospheric game environment.
* Implemented sophisticated AI using behavior tree, enhancing the challenge and unpredictability of encounters.

**OTHER WORK EXPERIENCE**

**Asset Protection Representative (Loss Prevention)** 07/2023 – Present

Loblaws Companies Ltd., Toronto, ON

* Played a pivotal role in resolving security incidents promptly and efficiently, demonstrating strong problem-solving skills and attention to details, contributing to the prevention of theft, and minimizing potential security risks.
* Recognized by management for achieving highest number of apprehensions in Toronto district and 3rd rank countrywide in 2023.

**Event Coordinator (Volunteer)** 09/2018 - 09/2019

Silver Oak College Of Engineering & Technology, Ahmedabad, India

* Demonstrated effective project management skills in coordinating various events, managing logistics, and ensuring seamless execution.
* Worked closely with a diverse team of volunteers, showcasing strong teamwork and communication skills.

**CERTIFICATIONS**

Foundations of Project Management | Google 10/2023

AI Algorithms for Gaming | LinkedIn 08/2023

Cert Prep: Unity Certified Associate Game Developer Scripting with C# | LinkedIn 06/2023

Core Interaction Programming | Unity 06/2020

Game Development for Modern Platforms | Michigan State University 05/2020