



Ramninder Singh

Game Programmer

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Profile

I am a Game Design student focusing on C# and Unity programming. I have experience building 2D and 3D games by creating gameplay mechanics, controls, and clean game logic. While my primary focus is game development, I also have experience building C# tools and interactive web pages. I am a curious and adaptable learner who is ready to grow my technical skills in a real-world game development environment.

Education

09/2023 – Present **Bachelor of Arts - BA Game Design**
Berlin, Germany University of Europe for Applied Sciences

Skills

Programming & Backend

- C# (object-oriented programming, Unity, ASP.NET Core Web API, Console Applications)
- ASP.NET Core (RESTful APIs, database integration, external API communication)

Tools & Technologies

- Unity (2D/ 3D game development)
- Git (version control)
- Leaflet.js
- Miro, Trello

Web Development

- HTML, CSS (Intermediate)
- JavaScript (Basic)
- WordPress (customization and dynamic website development)

Projects

Game Development Projects [↗](#)

Unity, C#

- Developed multiple games using Unity
- Implemented gameplay mechanics, input systems, UI logic, and event-driven architecture
- Applied object-oriented programming and structured system design

SVG Tile Slicing Tool [↗](#)

C# Console Application

- Contributed to the improvement of an existing C# console application used to convert large SVG files into map tiles for Leaflet
- Worked on enhancing logic, performance, and maintainability

Automated Order Processing API

ASP.NET Core, C#

- Developed a RESTful Web API using ASP.NET Core to process digital product orders
- Integrated database operations for storing and retrieving data
- Implemented external API communication to fetch required resources dynamically
- Structured application using controllers, services, dependency injection, and clean architecture principles

Devolution – Interactive Timeline Project [↗](#)

HTML, CSS, JavaScript, Leaflet

- Developed an interactive game timeline visualization using Leaflet.js

- Integrated exported design assets into a functional web interface
- Implemented map tiling, coordinate handling, and interactive navigation

WordPress Development

- Built static and dynamic websites using WordPress
- Implemented additional functionality using custom code

Languages

English
C1

German
A2

Hindi
Bilingual

Punjabi
Native