Bishesh Raj Khanal

Game Developer — Web Scraper — ML and AI Enthusiast

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⊟ Projects

Top-Down Adventure Game   *C++, SFML*
Enemies patrol and chase players, dynamic vision blocking, toggleable camera view.
▶ Demo   ⓞ GitHub

BFS Simulator   *C++, SFML*
Visualize how NPCs use Breadth-First Search to find the optimal path in a 2D grid.
▶ Demo   ⓞ GitHub

Geometry Shooter   *C++, SFML*
Arcade-style shooter with shields, bullets, random enemy generation, and scoring.
▶ Demo   ⓞ GitHub

2D Light Tracer   *C++, SFML*
Simulates point light interaction with obstacles via dynamic raycasting.
▶ Demo   ⓞ GitHub

Texture-Revealing Light Tracer   *C++, SFML*
Advanced version of light tracer showing illuminated parts of a sprite.
▶ Demo   ⓞ GitHub

2D Platformer Game   *C++, SFML*
Multi-level platformer with coins and shooting mechanics.
▶ Demo   ⓞ GitHub

Job Market Web Scraper   *Python, BeautifulSoup, Panel*
Extracts and visualizes job listings using an interactive dashboard.
▶ Demo   🔒 GitHub: Private

Fake News Detector   *Python, BeautifulSoup, Scikit-learn*
Classifies real/fake news using NLP and ML; won Best Paper Presentation.
🔒 GitHub: Private

Tech Company Scraper   *Python, BeautifulSoup*
Analyzed metadata from over 100 tech company profiles.
🔒 GitHub: Private

Last updated: August 16, 2025