Aadarsh Nayak

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SUMMARY

Passionate Computer Science student at IIIT Jabalpur specializing in game development and competitive programming. Proficient in Unity, Unreal Engine, and C++ for creating engaging games, with strong skills in Python, Java, and SQL. Dedicated to innovative problem-solving and collaborative projects.

EDUCATION

- **Indian Institute of Information Technology (IIIT)** — Jabalpur, India
  B.Tech in Computer Science, GPA: 8.20 — *Aug 2023 – Aug 2027*

SKILLS

- **Languages**: Python, C++, Java, C#, PHP, SQL
- **Tools**: Git, MySQL, Unity, Unreal Engine
- **Platforms**: Linux, Windows
- **Soft Skills**: Leadership, Collaboration

PROJECTS

- **You Did It Again – Color Chaos Game (Unity)**: Co-Developer | Game Jam | Jan 2025:
  - Built reflex-based arcade game in Unity with dynamic "SWITCH" feature to reverse rules.
  - Designed intuitive UI and integrated SFX/particles for immersive feedback.
  - Play here.

- **Insticon – 3D Campus Interaction App (Unity)**: Programmer | MLH Hackathon | 2025:
  - Developed multiplayer virtual campus app using Unity's Netcode for 10–20 users.
  - Optimized low-poly 3D assets for performance on low-end devices.
  - Built interactive NPCs and event-driven UI for navigation and engagement.

- **Fed Up – Psychological Horror Game (Unity)**: Programmer & Designer | 2025:
  - Developed systems for frustration tracking and dynamic environments.
  - Designed task-based storytelling and randomized scare events for multiple endings.
  - Collaborated on mechanic balancing for immersive experiences.

- **Enemy Avoidance Game (Unreal Engine)**: Solo Developer | 2024:
  - Created level-based game with dash mechanic for strategic obstacle evasion.

VOLUNTEER EXPERIENCE

- **Volleyball Club, IIIT Jabalpur**: Event Organizer | Aug 2023 – Present: Organized tournaments and managed schedules.
- **Jagrati NGO, IIIT Jabalpur**: Volunteer Teacher | Aug 2023 – Dec 2023: Taught underprivileged children.

CERTIFICATIONS

- **Programming in Modern C++**: Completed SWAYAM course offered by IIT Madras.
- **Joy of Computing Using Python**: Completed SWAYAM course offered by IIT Madras.

PROFILES

- **CodeChef (2★)**: codechef.com/users/aadarshnayak
- **LeetCode**: leetcode.com/u/aadarshnayak

INTERESTS

- **Game Development**: Innovative mechanics and interactive experiences.
- **Competitive Programming**: Algorithmic problem-solving.