The NSDC Weekly Pulse



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Trending Topics of the Week!



Find Your Next Career Move in the Exciting Gaming Industry

The gaming industry offers exciting opportunities for professionals looking for a fresh career path. Below are five key roles, each with unique skills and prospects, to help you navigate this dynamic field.

Game Designer: Create engaging game mechanics and stories.
 Skills needed: Creativity, Unity/Unreal Engine, Game Theory.

2. Game Developer: Code and implement game features.
Skills needed: Programming (C++, C#, Python), Game Development
Tools, Problem-Solving.

3. Game Producer: Manage game production from start to finish. Skills needed: Project Management, Team Coordination, Proficiency in Softwares.

India Shines at WorldSkills 2024!

The 47th WorldSkills Competition 2024 took place in Lyon, France, often referred to as the "Olympics of Skilling." This prestigious global event featured over 1,400 competitors from more than 70 countries, competing in 52 skill categories, with guidance from 1,300 experts.

India was proudly represented by a 60-member team, marking a significant presence in the competition. This edition was particularly noteworthy, as 20 per cent of the Indian team were women, competing in traditionally male-dominated fields such as welding, plumbing and heating. Their participation marked a breakthrough, signalling progress in gender diversity within the skilled trades.

Each Indian competitor had undergone rigorous training, supported by major corporations and industry leaders in the manufacturing sector. This preparation, involving top experts and institutions across India, ensured that the team was well-equipped to showcase their talents and compete at the highest level.

The WorldSkills Competition celebrated skill excellence, offering a platform for young professionals to compete, learn and connect with global industry leaders. India's participation highlighted the nation's growing focus on skill development and empowerment.

5 Key AI Skills Shaping the Future Workforce

As AI becomes a major part of industries, workers will need new skills to keep up with changing job demands. Here are five key AI skills that will be essential for the future workforce:

1. Machine Learning: Understand how to train algorithms to make predictions from data. Familiarity with frameworks like TensorFlow or PyTorch is key.

4.Game Artist: Design characters and environments.

Skills needed: Adobe Photoshop, Maya/Blender, 3D Modelling.

5.Game QA Tester: Ensure games are bug-free.

Skills needed: Testing Tools, Understanding of Game Mechanics, Attention to Detail.

Transitioning to a career in gaming can be an exciting move. By focusing on these roles and acquiring the necessary skills, you'll be well-equipped to dive into the rewarding world of gaming.



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2. Data Analysis: Proficiency in handling and interpreting data using tools such as SQL and Python is essential for deriving actionable insights.

3. Programming: Strong programming skills in languages like Python, Java or C++ are crucial for developing and refining AI solutions.

4.Natural Language Processing (NLP): Learn NLP techniques to enable machines to understand and process human language, enhancing interactions and automation.
5.Coding: Develop strong programming skills in languages such as Java or C++ to create

and optimise AI solutions.

Acquiring these skills will position you for success in the AI-driven future and help you stay ahead in the evolving job market.



