The NSDC Weekly Pulse



Trending Topics of the Week!



Indian Tech Professionals' Salaries Skyrocket 150% Post Upskilling

Indian tech professionals are seeing a substantial increase in their salaries after enhancing their skills, with those who have invested in upskilling experiencing an average 150% rise in median salaries. This trend highlights the crucial role of continuous learning in a rapidly evolving industry. India's technology sector is advancing swiftly, with emerging fields such as artificial intelligence, machine learning, data science and blockchain gaining prominence. As these technologies develop, the demand for skilled professionals is growing. To meet this demand and stay competitive, many tech workers are pursuing courses and certifications to upgrade their skills.

Recent studies show that the most significant salary hikes are in fields like data science, cybersecurity, cloud computing and AI. Professionals moving from traditional IT roles to these high-demand areas are securing significantly higher pay. For instance, data scientists now command much higher salaries than many conventional tech roles. This salary increase is driven by the urgent need for new tech skills and the limited number of qualified professionals in advanced fields. Companies are willing to pay a premium for employees who can handle cutting-edge technologies and drive innovation.

Achieve Success in Your Green Career with These Five Steps

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Creating a successful green career involves navigating a dynamic and rapidly expanding field focused on environmental sustainability. Here are five key steps to help you establish yourself in this rewarding sector:

- 1. Define Your Passion and Purpose: Start by identifying your specific interests within environmental sustainability.
- 2. Gain Relevant Education and Skills: Acquire the necessary knowledge and skills through formal education and training.
- **3. Build Practical Experience:** Practical experience is crucial for entering and advancing in the green sector. Seek internships and volunteer opportunities.
- **4. Stay Informed and Adapt:** Stay updated on industry trends, emerging technologies and regulatory developments.
- **5. Pursue Opportunities for Impact:** Look for roles where you can contribute to significant sustainability initiatives or projects.

By following these steps and maintaining a proactive approach to learning, networking and gaining experience, you can build a successful green career that aligns with your passion for environmental sustainability.

Engineers in India Embrace AI for Productivity Boost

Artificial Intelligence (AI) is set to revolutionise how engineers in India work by automating repetitive tasks and boosting productivity across various industries.

For engineers, especially in software development, AI can automate tasks such as writing code, fixing bugs and testing software. In civil engineering, AI can analyse data to select the

In summary, the 150% salary hike for upskilled Indian tech professionals underscores the importance of continuous learning, boosting earnings and ensuring long-term career success in a competitive market. best construction materials, simulate how buildings will withstand different conditions and predict potential issues. In manufacturing, AI assists by predicting when machines need maintenance and optimising production schedules. Even in administrative tasks, AI can handle activities like data entry and customer service, freeing up engineers to focus on more critical work. However, while AI brings many benefits, there are challenges such as privacy concerns and the impact on jobs. Engineers need to learn new skills to work with AI and ensure its use is ethical and safe.

Overall, AI offers Indian engineers the opportunity to work more efficiently, make better decisions and drive innovation in industries like software, manufacturing and construction. It's an exciting time for engineering in India as AI continues to evolve and improve how we work.







