Upskill in These Technologies to Get a High-Paying Job in 2022

The world of technology is changing rapidly. The digital shift catalysed by the pandemic has created a void in the economy owing to a lack of preparedness. But it's never too late to catch the drift, as long as you have a goal in mind. Job roles are constantly being created, and certain others are going away. Developing relevant skills helps professionals across departments add value to their respective organisations by successfully managing cross-functional teams.

Keeping up with the latest trends in your industry is vital for maintaining relevance. It may also be a good idea to look into other industries because of the omnipresent opportunities for everyone. Here is the ever-growing change in percentage demand for some technologies from 2019-2021:

- ✔ Python - 20% (2019) to 34% (2021)
- ✔ Java: 7% (2019) to 33% (2021)
- ✔ DevOps: 4% (2019) to 10% (2021)

Gaining proficiency in the most sought-after technologies can help you bag your dream job. But being mindful of your skills is crucial given not all technologies are growing in demand. For example, Dot Net had 11% demand in 2019, reaching 8% in 2021.

1. **Python**

It is an English-like (high-level) programming language that allows developers to work with large data sets. It's free and open-source software (FOSS) widely used for web frameworks, scientific computing, and data science.
One of the best things about learning Python is that it's easy. Because of this simplicity, many people have learned to use it as their first or second language. John Von Neumann invented linear algebra while teaching himself how to use the language!

2. **Java**

This is also a popular programming language and is the foundation of Android app development. Java is used by millions of developers worldwide because it's easy to use and powerful enough for many different types of software projects.

3. **DevOps**

It is a practice that encompasses several distinct but related fields of knowledge. It is a way of working, a culture, and a mindset. DevOps's popularity in recent years owes to how it helps organisations deliver applications more quickly by improving communication between development and operations teams.
DevOps sometimes means "the DevOps engineer" or "the DevOps architect." These roles involve integrating software development tools with IT infrastructure management systems for efficient end-to-end app development.

4. **Full stack skillset**

You must have a full stack skillset if you want to get the highest paying job in 2022. If you can work on all layers of an application and build an app from scratch, starting at the database

and reaching up to the user interface, your future is bright. Full stack development is more than just coding; it also requires the knowledge of how each layer works and interacts with the others.
Full stack developers are in maximum demand because they can build applications for any industry or purpose by themselves, which saves companies time and money. They can also collaborate with different departments within the company (marketing, design, etc.) because they understand the bigger picture.

Build job-ready skills with experiential learning
In the contemporary digital era, everyone should at least be able to read code and the best way to go about it is to be proactive in grabbing opportunities around you.

- Internships are still the most common way to get on-the-job experience in many fields.
- Consider finding mentors who can help guide you through what skills will be useful and how best to acquire them now.
- Team projects are great for young professionals to gain experience. Look for opportunities within your company or take up some DIY projects to build a portfolio for illustrating your skills.
- Sign up for online courses, join social communities and ask questions.

Be flexible to adapt to the market
As we've discussed, the pace of technological change is accelerating. Learning everything you need to know about a new technology over a short period is probably not feasible. Instead, you should think about ways to get up to speed quickly so that you can adapt and stay relevant as technologies evolve. This type of learning offers practical implications for the knowledge with constant feedback from the mentors to strengthen the areas of improvement.
When you perform a task, you get a chance to do some critical thinking, develop problem-solving skills and decision-making ability. A feedback loop is a process in which you get feedback on your work and make changes based on that. This can help you learn from your mistakes, but it's important to know how to use it effectively.

Conclusion
To stay competitive, it's essential to keep up with the evolving trends. With artificial intelligence, virtual reality, and IoT devices making their way into companies, many new IT jobs will likely gain popularity in the coming years. The confidence to work across technologies significantly improves the employability quotient.