



Current & upcoming Technology

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Current Technology

- ▶ **Artificial Intelligence and Machine Learning:**

- ▶ AI and ML continue to be at the forefront of driving innovations across industries, from automating routine tasks to enhancing decision-making processes.

- ▶ **Cloud Computing:**

- ▶ The shift towards cloud environments continues, with multi-cloud and hybrid solutions becoming increasingly prevalent. This trend is bolstered by organizations seeking flexibility, scalability, and efficiency in their IT operations.

- ▶ **Cybersecurity:**

- ▶ With cyber threats evolving in sophistication, there is a strong focus on advanced cybersecurity measures. Zero trust architectures, AI-driven security solutions, and automated threat detection and response are becoming standard.



Current Technology

- ▶ **Internet of Things (IoT):**

- ▶ IoT technology is expanding its reach in sectors like manufacturing, healthcare, and smart cities, driving innovations in how devices connect and interact.

- ▶ **Edge Computing:**

- ▶ To manage the data flood from IoT devices and other sources, edge computing is being used to process data closer to where it is generated, thus reducing latency and bandwidth use.

Upcoming technology

- ▶ **Quantum Computing:**

- ▶ Although still in the early stages, quantum computing promises to revolutionize fields by solving complex problems that are intractable for classical computers.
 - Atom , use QUBITs

- ▶ **Generative AI:**

- ▶ Beyond AI's current applications, the next wave includes generative models that can create content, from digital images to code, which could transform creative industries, software development, and more.
 - Google Assit. ,Siri

- ▶ **NLP(Natural language processing)**

- ▶ Natural Language Processing (NLP) is a field of artificial intelligence that focuses on the interaction between computers and humans through natural language.
- ▶ Speech Recognition



Upcoming technology

- ▶ **Sustainable IT:**

- ▶ As environmental concerns mount, there is a growing trend towards sustainable IT practices, including energy-efficient data centers and eco-friendly computing technologies.

- ▶ **Digital Twins:**

- ▶ The use of digital twins, or virtual replicas of physical entities, is expanding into areas like urban planning and healthcare to improve modeling, simulation, and decision-making.
- Virtual car

Like

- ▶ When you like something, it means you enjoy it or feel happy about it.
- ▶ It's a positive feeling towards a person, thing, or activity.
- ▶ For example, if you like ice cream, it means eating ice cream makes you happy.
 - ▶ Listening music
 - ▶ Cooking
 - ▶ Traveling
 - ▶ Gardening

Dislike

- ▶ This is the opposite of liking.
- ▶ When you dislike something, it means you don't enjoy it and it might even make you feel unhappy or uncomfortable.
 - ▶ Example
 - ▶ Warm environment
 - ▶ Crowded places
 - ▶ Being Late



Thank You