TECH STACKS.

- **What is Cloud Computing?**

- "Cloud Computing refers to the delivery of computing services over the internet, enabling users to access and store data on remote servers instead of local devices. This technology provides flexibility, scalability, and cost savings, allowing businesses to scale resources as needed. Key services include Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). Its adoption is transforming how organizations manage their IT resources and data."

- **What is Blockchain Technology?**

"Blockchain Technology is a decentralized digital ledger that records transactions across multiple computers in a way that ensures security and transparency. Each block contains a number of transactions, and once added to the chain, it is immutable. This technology underpins cryptocurrencies like Bitcoin, providing trust without central authority. Beyond finance, blockchain is revolutionizing supply chains, healthcare records, and voting systems through enhanced security and traceability."

- **What is the Internet of Things (IoT)?**

"The Internet of Things (IoT) refers to the network of interconnected devices that communicate and exchange data over the internet. These devices can range from everyday household items to sophisticated industrial tools. IoT enables smarter homes and cities, offering automation and improved efficiency. Key applications include smart thermostats, wearable health monitors, and connected vehicles. This technology has the potential to transform industries and improve the quality of life."

- **What is Cybersecurity?**

"Cybersecurity encompasses the practices and technologies designed to protect systems, networks, and data from cyber threats. With the rise of digital transformation, the importance of safeguarding information has never been greater. Key components include threat detection, incident response, and security measures such as firewalls and encryption. Organizations must adopt a proactive approach, continuously updating their strategies to counteract evolving threats and vulnerabilities in a rapidly changing landscape."

- **What is Augmented Reality (AR)?**

"Augmented Reality (AR) is an interactive experience that overlays digital information, such as images and sounds, onto the real world. This technology enhances the user's perception of their environment, offering applications in gaming, education, and retail. AR devices range from smartphone apps to specialized glasses. One notable example is Pokémon GO, which blends virtual creatures with real-world settings. By bridging the gap between digital and physical worlds, AR is reshaping how we interact with information."