7.1 P Cloude Technologies

Cloud technologies help us use computing services over the internet without needing to buy expensive equipment. You only pay for what you use. There are different types of services: IaaS (for basic hardware), PaaS (for development tools), SaaS (for software), and FaaS (for small functions). Cloud systems can easily grow bigger (scalability) by adding more power or more computers. They are also built to be reliable and available most of the time, with little downtime. Using cloud services helps people and businesses save money, work more efficiently, and adjust quickly to changing needs.