Cloud platforms have become one of the most important advancements in modern software development. They provide developers with powerful tools to build, deploy, and manage applications without the limitations of traditional infrastructure. By offering services such as storage, databases and security, platforms like Amazon web services, Microsoft Azure, and Google Cloud allow teams to focus more on innovation rather than infrastructure management. This flexibility is transforming the way businesses and programmers create solutions.

pros:
scalability and flexibility: allows to increase or reduce(storage,data bases, servers) according to demand without the need to buy more hardware

Reduction on the initial costs: it's not necessary to invest in physical servers neither in an own infrastructure.You pay only for what you use.

Testing environment : ideal to prototype without the need of a dedicated server. You can create isolated environments for QA

high disponibility and resilience: distributed infrastructure with redundancy that ensures less service drop. Back ups and disaster recovery in a easy way.

Cloud platforms, while offering numerous advantages, also have certain disadvantages that developers must consider when working on their projects. One of the most important is the dependence on an internet connection, as any interruption can prevent access to critical data, tools, or applications. There are also security and privacy risks, which can compromise sensitive information in the systems under development. Finally, unexpected costs and performance issues can create obstacles in planning and directly affect team productivity.