

Revolutionizing IT with Cloud Computing Development

Piyush Soni¹, Dr. Vishal Shrivastava², Dr. Akhil Pandey³, Dr. Akhil Pandey⁴

¹B.TECH. Hosteler, ^{2,3}Professor, ⁴Assistant Professor

Computer Science & Engineering

Arya College of Engineering & I.T. India, Jaipur

sonipiyush436@gmail.com, vishalshrivastava.cs@aryacollege.in,

akhil@aryacollege.in, akhil@aryacollege.in

Abstract: *Cloud computing is one of the fastest-growing techs today. It ranks high in many areas of computer science because it plays a big role in computing, like Big Data and Data Science. Cloud computing provides many services via the Internet, such as data storage, databases, platforms, infrastructure, and more. It is a mix of software, computation, data access, and storage services with on-demand resources. This paper gives a full view of Cloud Computing, its setup, along with different services it offers. This paper also talks about some of the pros and cons of cloud computing. The use of cloud computing grows quickly in many fields. Cloud Computing is smart and useful tech now. Many people and businesses use the cloud for reasons like efficiency, strong computing, security, high performance, more productivity, and saving costs*

Keywords: Cloud, Architecture, IaaS, PaaS, SaaS, Private cloud, Public cloud, Hybrid cloud, Cloud Computing

