

In the guest lecture by Christian Vecchiola, we learned how microservices are changing the way we develop software. Unlike traditional monolithic systems, where everything is bundled into one big application, microservices break it down into smaller, independent parts. Each part, or service, focuses on a specific task, which makes it easier to scale, maintain, and update without messing with the whole system. The lecture also pointed out that microservices improve flexibility, resilience, and performance, especially when combined with DevOps and continuous delivery. Overall, microservices help speed up development and make systems more adaptable, making them a better option than older monolithic designs.