

Types of Web

Application Architectures



The Web Application Architecture defines how the data is delivered through HTTP and ensures that the client-side server and the backend server can understand. It creates and manages records while providing permission-based access and authentication.

The architecture of web applications can be classified into different categories.



Monolithic Architecture

Treating the entire code as a single program, **building a new project, applying frameworks, scripts, and templates, and testing it becomes simple and easy.**

When you want to build a lightweight application, and when you are on a tight budget, monolithic architecture will serve the purpose.



Microservices Architecture

Each microservice contains its database and operates a specific business logic, so **you can quickly develop and deploy independent services.**

Since it's loosely coupled, microservice architecture provides the flexibility to update/modify and scale independent services.



Serverless Architecture

An infrastructure service provider manages the underlying infrastructure's provisioning in this structure. Serverless computing **lowers costs as resources are only used when the application is in execution.**

In a microservices architecture, you can perform serverless computing using AWS Lambda, API Gateway, and API Step Functions.



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