**Express framework:**

Express is a flexible Node.js web application framework that provides a wide set of features to develop both web and mobile applications. It's a layer built on the top of the Node.js that helps manage a server and routes.

**features of the Express framework:**

* Used for designing single-page, multi-page, and hybrid web applications
* Allows developers to set up middle-wares for responding to HTTP Requests
* Defines a routing table that is used to perform different actions based on the HTTP method and URL
* Allows dynamic rendering of HTML Pages based on passing arguments to templates

## Koa

[Koa](https://blog.logrocket.com/first-steps-with-koa-js/) is the modern version of Express. It is lighter, more expressive, and more robust. You can use [Koa](https://koajs.com/) to create web services just like Express. In fact, the Koa framework was designed by the team behind Express, and it is sometimes referred to as the future of Express. The team reduced the middleware bundle in Express, improved it with modern JavaScript syntax, and gave more freedom to developers.

## Fastify

Inspired by Hapi and Express, [Fastify](https://blog.logrocket.com/how-to-build-a-blazingly-fast-api-with-fastify/) claims to be the fastest web framework around, and, according to its [benchmarks](https://www.fastify.io/benchmarks/), it’s twice as fast as Express. The only case where Fastify falls behind Express is in handling empty requests. Fastify focuses on minimizing performance overhead with a powerful plugin architecture, all while keeping the developer experience in mind.

According to the [2021 State of JS Survey,](https://2021.stateofjs.com/en-US/libraries/back-end-frameworks) Express is the most used backend framework at 81 percent, followed by Next.js at 45 percent. Fastify comes in later at 11 percent.

