

MERN STACK

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Mern stack

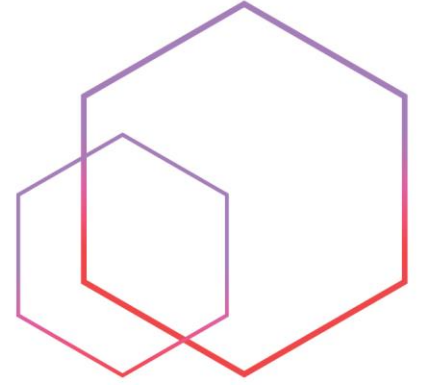
Mern stack is a technology stack built from:

Mongo-DB - database

Express - backend

React - frontend

Node.js - backend



You will all become Mern stack full stack developers by the end of this course.
Let's learn about the technologies we are going to use.

Express.Js (Backend)



Express.js is an open-source, lightweight, backend framework for Node.js (a runtime environment for JavaScript). It is designed to build mobile web applications and web service APIs.

Key Features of Express

- Robust application with minimalistic design and extensive capabilities.
- Great support for debugging and routing.
- Support for the development of web service APIs and microservices.
- Most popular applications include PayPal, Coursera, MuleSoft, Myntra, FreeCodeCamp, and Accenture.

React (Frontend)



React JS is an open-source JavaScript library, introduced by Facebook in 2013. Today, it is extensively used by businesses for their front-end web application development. Developers use React JS to develop dynamic single-page web applications. The SEO support interaction is better than most other frontend web application frameworks.

Key Features Of React

- Heavy-load applications perform smoothly as well due to React's VDOM, or Virtual Document Object Model.
- Most users use React applications daily, in the form of Facebook, Instagram, or other applications from the Meta family.
- One-way data-binding leaves little room for errors.
- The most popular applications include Facebook, Facebook Ads, Instagram, Netflix, Skype, Instacart, Salesforce, Flipboard, Dropbox, and Asana.



mongoDB®

Mongoose is an Object Data Modeling (ODM) library for MongoDB and Node.js. It manages relationships between data, provides schema validation, and is used to translate from code to the representation of those objects in MongoDB between objects.

- The most popular applications include include eBay, MetLife, Shutterfly, and EA.