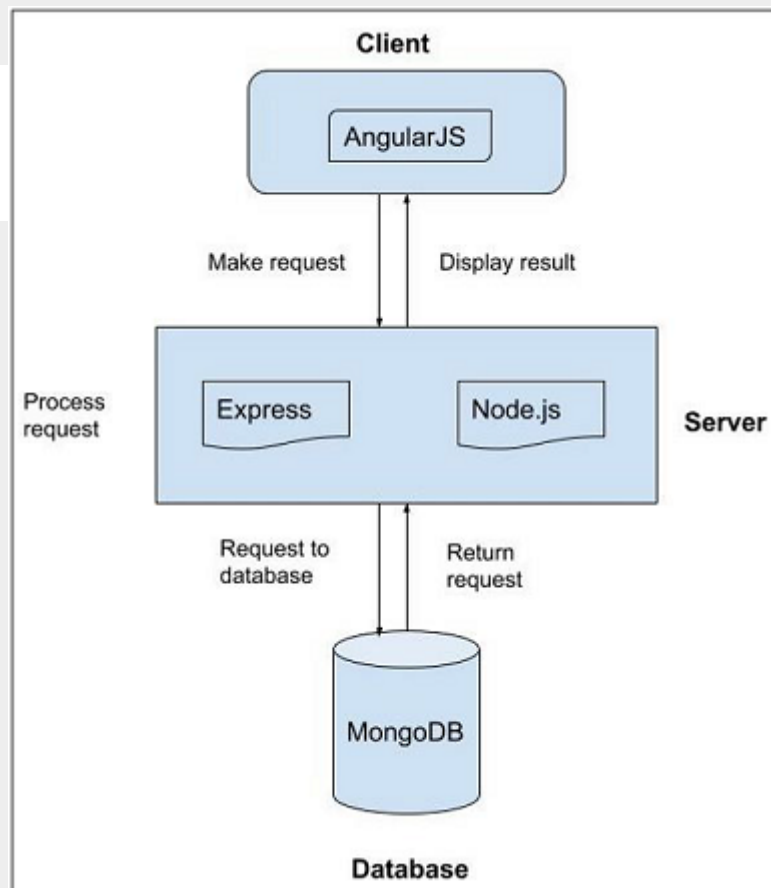


MEAN.JS - Architecture

MEAN is an open source JavaScript framework, used for building dynamic websites and web applications. It includes following four building blocks to build an application.

- **MongoDB** – It is a document database, that stores data in flexible, JSON-like documents.
- **Express** – It is web application framework for Nodejs.
- **Node.js** – It is Web Server Platform. It provides rich library of various JavaScript modules which simplifies the development of web applications.
- **AngularJS** – It is a web frontend JavaScript framework. It allows creating dynamic, single page applications in a clean Model View Controller (MVC) way.

For more information on these, you can refer the [overview](#) chapter. The below diagram depicts architecture of MEAN stack application.



As shown in the above image, we have AngularJS as client side language which processes the request of a client.

- Whenever a user makes a request, it is first processed by AngularJS.
- Next, request enters second stage, where we have Node.js as server side language and ExpressJS as backend web framework.
- Node.js handles the client/server requests and ExpressJS makes request to the database.
- In the last stage, MongoDB (database) retrieves the data and sends the response to ExpressJS.

- ExpressJS returns the response to Nodejs and in turn to AngularJS and then displays the response to user.