**Steps: 1 npm install express mongoose dotenv helmet morgan nodemon**

* **Dotenv is npm library that help to interact with node js .env variable.**

**In React It’s totally different**We need to follow some rules to work on that thing.

IN react we need to create .env file in main root folder and then

#.env file

REACT\_APP\_SECRET\_NAME=secretvaluehere123

Variable name must start with REACT\_APP\_

{process.env.REACT\_APP\_SECRET\_NAME} // Use the varable like this

Note : After any change in .env file we need to restart the server.

require('dotenv').config();

process.env.USER\_ID; // "239482"

morgan, helmet and cors libraries of node js

Helmet 🡪 it gives some basic level of security, and help with sending good headers.  
just need to install the package and add a middleware

This all libraries are middleware use.

App.use(helmet());

It removes unnecessary headers as well as gives add better headers.

Connection related things.

// middlewares and their use

app.use(express.json()); // it's a body parser, when you make post request it's just gonna password it.

app.use(helmet()); // Secure header manager

app.use(morgan("common")); //Logger to debugging and better logging

Custom Middle ware :

As a normal function middle ware takes same arguments but with one extra

Const middleware = (req, res , next) => {

}

Next is extra

Now To use this created middleware we need to pass it between the function someware same as fetchuser

App.get(‘/’, middleware, (req, res) => {} )

If next is not used then your page will be stuct.

requests and errors, and simplifies the process.

Morgan (Logger) 🡪 it gives some basic level of security, and help with sending good headers.

**morgan(format, options)**

**Mongoose Time Stamps**

That manages all the created and updated documents in mongodb.

<https://www.geeksforgeeks.org/mongoose-timestamps/>

*const studentSchema = new Schema({ name: String }, { timestamps: true });*