# MERN Links

* [MERN Cheat Sheet](https://docs.google.com/document/d/1cYuL3TRUZLErwkA3bBhvIRTrSdMlYzufkMx5dMtCg0k/edit?usp=sharing)

## TypeScript

* [How To Use TypeScript With React Components](https://www.youtube.com/watch?v=9lUN3sqAjQQ)

## Backend

### Sub Documents

* [Populate / Ref](https://mongoosejs.com/docs/populate.html)
* [One To Many](https://medium.com/@brandon.lau86/one-to-many-relationships-with-mongodb-and-mongoose-in-node-express-d5c9d23d93c2#:~:text=One%20to%20many%20relationships%20with,relations%20using%20in%20relational%20databases.)
  + this uses **async** and **await** instead of **.then**

### DB Related

* [Update Schema Changes In MongoDB](https://hashnode.com/post/how-do-you-update-schema-changes-in-mongodb-ciwsye7me00jpy35320lv3mne)
* [Export Docs](https://docs.mongodb.com/manual/reference/program/mongoexport/)

## Frontend

### State

* [Example Repo](https://github.com/neilm813/react-hook-form-edit-nested)
  + contains multiple **App.js** files with different techniques

## File Upload

* [File Upload Base64 - Instructor Will](https://github.com/wgoode3/file-upload-component)

## Packages

### DB Related

* [SQL ORM](https://www.npmjs.com/package/sequelize)
  + useful for more complex relationships that mongodb / mongoose are not optimal for

### [CSV Files](https://www.npmjs.com/package/react-csv)

## [moment](https://www.npmjs.com/package/moment)

* Date and time formatter