**All In Firebase Set Up**

**Create A New Firebase Project**

* Give it a name edit the project id if you want it must be unique
* Enable analytics may need analytics account
* Create new account for project analytics
* Select region
* Accept the licence agreement
* Clink on create project button
* Take a few minutes to create a project

**Add an App To Your Project**

* Select your project from the dropdown
* From the Get Started menu select one of the app types are web android and ios
* Select web app
* Give app a name
* Click the firebase hosting option
* Associate it with you project
* Takes some time to set up
* Select next
* Install the firebase-tools globally
* Take a note of the commands
* Firebase login
* Firebase init
* Firebase deploy
* Continue to console
* Note you can have more than one app per project.

**Firebase Console**

* Project Overview
* Firebase hosting
* Installing Firebase modules
* Create an app
* Access App Config
* Upgrading your account to blaze

**Authentication Setup**

* Sign in providers
* We will use email and password
* Can use any of the providers in the list.
* Enable email and password authentication

**Firestore**

* Create a Database
* Start in test mode as it's easier to set up for now. You can learn the ins and outs later
* Select a storage bucket this is where the data is stored. Select one closest to your end users.
* Select US-West3 and click enable (takes time to setup wait……)

**Initialize Your React Project**

* Run firebase init
* Select the following features to use firestore storage and hosting
* Use an existing project the one you just setup.
* Your going to be asked questions about your setup
  + What file should be use for Firestore Rules firestore.rules
  + What file should be used for Firestore indexes firestore.indexes.json
  + What do you want to use for your public directory (public)
  + What do you want to use as your public directory CRA puts you optimised bundle in a folder called build so use this for the hosting directory.
  + Configure single page app YES
  + Setup automatic deployed for git select no at this time.
  + You will get a warning that build/index.html already exists andc do not overwrite the index.html file.
  + Storage rules use default storage.rules
  + Your app is now initialized with Firebase.