# Chapter 3

INSTALLATION INSTRUCTIONS

ReactJS is an open-source, front end, JavaScript library for building user interfaces or UI components. React can be used as a base in the development of single-page or mobile applications. Firebase is a platform developed by Google for creating mobile and web applications

# Installing FireBase

* + - To start with installation process, Go to [https://firebase.google.com](https://firebase.google.com/) and log into your Google account.
    - Click on “Add Project”.
    - Give the project a name.
    - From the right panel, select Cloud Firestore.
    - The Cloud Firestore is the database for Firebase.
    - Select Authentication from the side panel.
    - Select Set up sign-in method. Click on the pencil icon near Email/Password.
    - Now click on Settings icon on the side panel and select Project Settings so that we can setup this Firebase project with our React project.
    - Enter the project name and remember to select Also setup Firebase Hosting
    - Install dependencies named firebase and firebase-tools
    - Copy the entire config and then go back to Visual Studio Code, make a new file named firebase.js and paste it.
    - This configuration contains ID and keys FireBase uses for authentication.

Chapter 3 Installation Instructions

# FireBase Configuration

* + - The FireBase configuration looks something like this.

