

# Getting Started at Hackathons

---

## Track 2: Building a MVP with Firebase and ReactJS





# Firebase



# React

# Prerequisites

- NodeJS (preferably with YarnPKG)
- An IDE 
- An Internet  Connection

# What is Firebase?

Firebase is a mobile and web application development platform developed by Firebase, Inc. in 2011, then acquired by Google in 2014.

— Wikipedia

We are going to use Firebase Hosting, Realtime Database in this demo

# What is ReactJS

ReactJS is a **component-based** that is used to build user-interfaces whether its for websites (Frontend) or hybrid (ElectronJS) applications

# Installing Create-React-App

CRA is a zero-configuration generator tool that can get us started up quickly

```
npm install -g create-react-app
```

```
# or if you are using yarn
```

```
yarn add -g create-react-app
```

We will now create our new app.

So after we clone our git repository, we look at using create-react-app into our new directory

```
create-react-app myapp
```

# We then go into our new directory and install all the dependencies we need

```
npm install material-ui react-router-dom firebase firebase-admin --save
```

```
# or
```

```
yarn add material-ui react-router-dom firebase firebase-admin
```



# Time for coding! 🧑💻 🧑💻