DEVELOPMENT - DAY 1 TASKS

Understanding websites stack & Learning to control the code

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Theory Tasks:

- ## Understand how the websites are built?

Websites are comprised of three main elements, Skeleton, Styling, and Action:

- **Skeleton (HTML)**: Defines the main objects in a web page and how are they arranged, and what elements are added are how are they added.

- **Styling (CSS)**: It's the part that is tasked with the aesthetics of a web page, you can edit the styles and colors and how a web page looks.

- **Action (JavaScript)**: JavaScript is tasked with the actions and interactions and implementing complex features on a web page, it gives the websites life by providing interactive elements like animated graphics or anything that isn't just static.

- ## Understand the combination of Front-End, Back-End and Database.

The **front-end** is client-side, it is the interface that shows to every user who loads the web page and it includes all the elements that are visible. **Back-end** is on the server-side and it is the backbone of a website, it's an application that is saved on a server, it interacts with the databases and servers and does all the internal work of a website. A **Database** is the base where all the information and data of a server is stored, it contains all the data tables saved in structured forms.

All of those three elements combined make up a website, you can't make a website without all of those elements together.

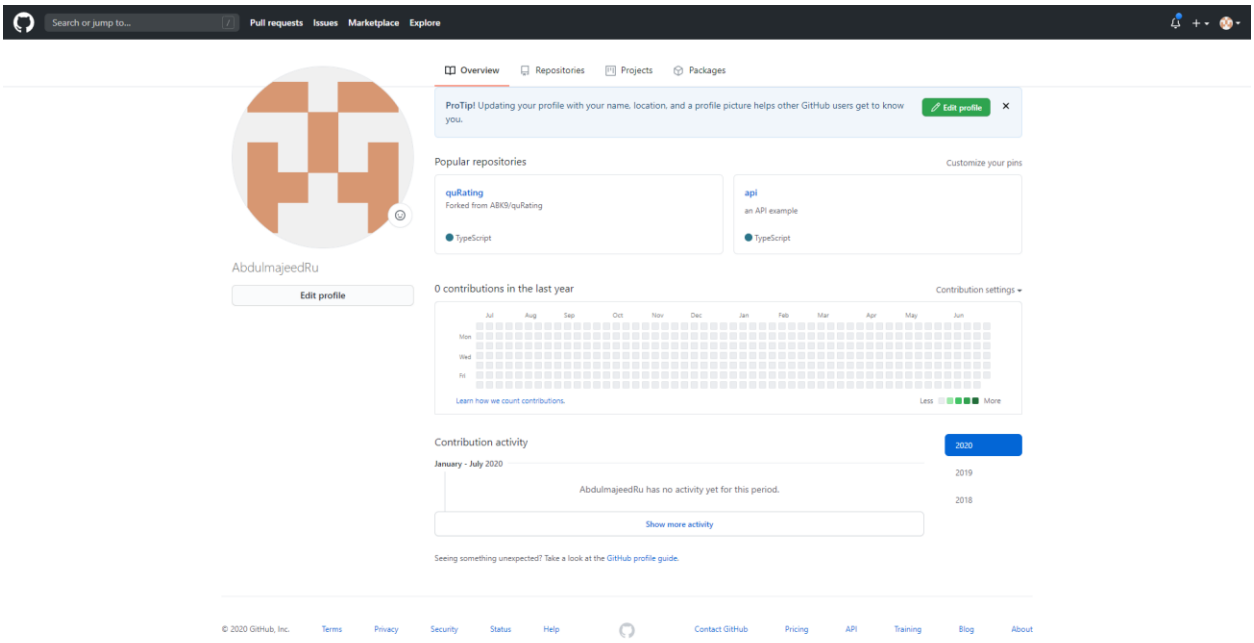
- ## What is the meaning of version control? and what is GIT?

Version control is a software management tool that is helpful for software teams to manage changes on a source code over time, to help create versions of the same software for various reasons like bugs detecting and rolling back versions and to keep track of the code changes, every version has a revision number that reflects how many changes were made.

Git is a free open source version control system, it is designed for development teams to keep track of the changes they made to their product and to help them cooperate to develop on the same code, and note what changes were made every time a part of the team pushes a new version. It is an essential tool for teams working on a project.

Lab Tasks:

- Register in GitHub



https://github.com/AbdulmajeedRu

- Fork this repository to your account

Done, https://github.com/AbdulmajeedRu/react-native-nw-react-calculator