**Learning Material Repository**

**Introductory Programming**

**C:**

Crash Course- https://youtu.be/KJgsSFOSQv0

Book - <https://docs.google.com/file/d/0B-Rb64QiDg8wcWZSbUxpYUJ0NlU/>

**Frontend**

**HTML:**

Crash Course Youtube - <https://www.youtube.com/watch?v=UB1O30fR-EE>

Reading Course - <https://www.w3schools.com/html/>

Proper Course - <https://www.codecademy.com/learn/learn-html>

**CSS:**

Crash Course Youtube - <https://www.youtube.com/watch?v=yfoY53QXEnI>

Reading Course - <https://www.w3schools.com/css/default.asp>

Proper Course - <https://www.codecademy.com/learn/learn-css>

**JavaScript:**

Crash Course Youtube - <https://www.youtube.com/watch?v=PkZNo7MFNFg> , <https://www.youtube.com/watch?v=hdI2bqOjy3c>

Revision Course - <https://www.youtube.com/watch?v=W6NZfCO5SIk>

Reading Course - <https://www.w3schools.com/js/default.asp>

Proper Course - <https://www.codecademy.com/learn/introduction-to-javascript>

**VueJS:**

Crash Course Youtube - <https://www.youtube.com/watch?v=Wy9q22isx3U> , <https://www.youtube.com/watch?v=4deVCNJq3qc>

Reading Course (Official Latest Documentation) - <https://vuejs.org/v2/guide/>

**Mobile App**

**Flutter:**

Crash Course Youtube - <https://www.youtube.com/watch?v=GLSG_Wh_YWc>

Reading Course (Official Latest Documentation) - <https://flutter.dev/docs/get-started/>

**Backend**

**Python:**

Crash Course - <https://www.youtube.com/watch?v=rfscVS0vtbw>

Proper Course - <https://www.youtube.com/watch?v=_uQrJ0TkZlc>

**Developer Roadmap**

**Trainee:**

Objectives -

1. Learn HTML, CSS, JS and Bootstrap.
2. Clone and work on the frontend repo, that will make use of all the components learned.
3. Learn about Google Firebase and then set up a hosting to host the website there.

**Level - II : Developer 1**

Objectives-

1. Get started with Cloud Firestore for Web. Add and Read data from the firestore using Vanilla JavaScript.
2. Get started with Cloud Functions for firebase, build a hello world application, that when sent a post request with the name parameter responds back with “Hello <name>”

**Level - III : Developer 2**