

16-44



20 May 2020  
Hyderabad

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms. Pagidichambula Sowmya**, final year student of G.Narayanamma Institute of Technology & Science, Hyderabad, has successfully completed project work with Apple Maps under the guidance of Mr. Thiru Sivanandam during the period of December 2019 to April 2020.

The project consists of a single page web application written in Javascript React framework integrated with RESTful Web Services, Play framework with Java and SQL database. Various technology stack trainings required for this project were conducted throughout the mentioned duration.

Handwritten signature of Thiru Sivanandam in black ink.

Thiru Sivanandam  
Maps Engineering,  
Apple India Pvt. Ltd.  
(Project Coach)

Handwritten signature of Namrata Aryya in black ink.

Namrata Aryya  
Maps Engineering,  
Apple India Pvt. Ltd.  
(Project Coordinator)

**Apple**  
1 Infinite Loop, MS  
301-3VG  
Cupertino, CA 95014

**Apple India Pvt. Ltd**  
19th Floor, Concorde Tower C  
UB City, No. 24, Vittal Mallya  
Road  
Bangalore, IN 560001

T 408 996-1010