

Date : 1st June 2021

Day - 6- Report

(Work Summary)

INTERNSHIP AT AKASHTECHNOLABS

❖ Day-6 : What we learnt ?

- ✚ Today, we have started our main agenda of the internship which is learning Django
- ✚ Basic information of python framework:
 - Django
 - Flask
 - Web2py
 - Cherrypy
 - And many more...
- ✚ Then We have started to know about Django in deep
- ✚ The principle of Django which is DRY (don't Repeat Yourself)
- ✚ Then we got aware about what we will learn about Django in this internship
 - Authentication support
 - Database schema migration
 - Object relational mapper
 - Support for web server
 - Template engine

- URL routing

History of Django

Features

- Fast and simple
- Open source
- Secure
- Suits any web application project
- Well established

MVT structure

- Model:
 - Defines the data structure
 - Takes care of querying the database
- View
 - Defines what data should be presented
 - Return HTTP response
- Template
 - Render the data in suitable format like HTML/XML...

Then we learn about pip command

By using pip install Django we have installed Django in our system

Then we learned how to create Django project

- `django-admin startproject project_name`

Then we run the server by using below command

- `Python manage.py runserver`

Then we understood the life cycle of Django project and its in-built files