Python Development Profile

Python3

* Notes on github
* <https://docs.python.org/3/tutorial/>
* <https://www.programiz.com/python-programming/tutorial>
* <https://www.youtube.com/watch?v=QXeEoD0pB3E&list=PLsyeobzWxl7poL9JTVyndKe62ieoN-MZ3> (Videos Telusko)

Python Advance topics must be master of:

* Logging, Exception handling, File Handling(text, excel, json), OOP’s in Python, Pytest, Multithreading, Sqlite3, ORM, sqlalchemy, (better known: numpy, pandas, matplotlib)

Flask:

* For basics <https://www.tutorialspoint.com/flask/index.htm>
* Just Follow this series(Flask by Corey ) <https://www.youtube.com/watch?v=MwZwr5Tvyxo&list=PL-osiE80TeTs4UjLw5MM6OjgkjFeUxCYH>

Django:

* For basics <https://www.javatpoint.com/django-tutorial>
* Follow Series(Django by hardik patel) <https://www.youtube.com/watch?v=IBpclPsLgA0&list=PL1WVjBsN-_NIdlnACz0Mxuq8VcuxER-is>
* For rest complete implement the book (Rest framework book given by me)
* For Django rest follow series by hardik patel

<https://www.youtube.com/watch?v=5d-zaQ69-5s&list=PL1WVjBsN-_NJ4urkLt7iVDocVu_ZQgVzF>

Data structures in python:

* Just download app and study data structures from that ( python data structure tutorial)
* Go through sorting, searching algorithms

HTML, CSS, JAVASCRIPT, MYSQL, BOOTSTRAP:

* Just follow <https://www.w3schools.com/>

Angular 2:

* Follow series of videos from kudvenkat <https://www.youtube.com/user/kudvenkat/playlists>

Technolgy should be aware of:

* Git
* Jenkins
* Cloud like AWS
* Docker
* Postman for API testing
* Selenium for Automation
* WSGI and apache server
* Project management tool (Like Jira)

Project Methodology:

* Waterfall Model
* Agile Model
* Design Patterns ( try for singleton pattern)

Projects:

* Any two projects where you can explore above technologies.