

## **Day 14 (18/08/23): (Full-stack Development)**

### **Full Stack Development: (Full stack with Python, Java and PHP)**

#### **I) PYTHON with FULL STACK:**

Front End → HTML, CSS, BOOTSTRAP, JAVASCRIPT (REACT, ANGULAR)

Back End → Programming (PYTHON), Framework (DJANGO, FLASK, FASTAPI), Database (MYSQL, MONGO DB)

#### **II) MERNSTACK:**

M-MONGO DB, EXPRESS JS, REACT, NODE JS

Front End → HTML, CSS, JS, ADV JS, REACT

Back End → NODE JS → WEB FRAMEWORK (if REACT is used)

Database → MONGO DB

#### **III) MEALSTACK:**

M-MONGO DB, EXPRESS JS, ANGULAR, NODE JS

Backend → NODE JS → Web Framework (if ANGULAR is used)

Data base → MONGO DB

#### **To learn:**

**Internet's Working** → Kunal Kushwaha (You-tube)

**Git & Git-hub course** → Udacity (Website), Kunal Kushwaha (You-tube).

#### **a) Front End:**

1) (HTML & CSS) → Super Simple Dev (You-tube)

2) Bootstrap.

3) JavaScript → (Programming with Mosh, Namaste JavaScript [You-tube], [Free code Camp])

**Note:** Front End / Client-end Framework / Library. (Angular, React)

#### **Best working Combo:**

[React & Java]

[React & Node Js]

#### **b) Back End:**

1) MERN TECH STACK

2) Java → Kunal Kushwaha (You-tube).

3) Java Development (Spring Boot & Spring), a framework → Amigo's code (You-tube).

4) Python → Jenny's Lectures.

5) C → Jenn's Lectures.

6) Django → Programming with Mosh (You-tube).

7) Node Js → Corey Schafer (You-tube).

**Note:** Backend / Server-side Framework: Django, Flask, Fast Api, Spring boot.

**Best backend:** Python is best option. (Python, Django), Node Js, Java

**Best Working Combo:** [Django & Node Js] [Java & Spring boot]

#### **c) Data Base:**

Mongo DB - Will be included with all the above tutorials.