Full Stack Cource Objective

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HTML

- Brief intro of HTML
- All neccessary tags
- Comments
- Attributes
- Pagelayout techniques
- Lists
- Tables
- Captions
- Forms
- Lables
- Class & ID's
- Checkboxes
- Text Area
- Select
- iFrame
- Video Tags etc…

CSS

- Brief Intro of CSS
- BOX Model
- Padding
- Borders & Margins
- FlexBox Layout & Grid Layout
- CSS Units & Media Queries
- Animations & Transitions
- Color Property
- Color Systems & Selectors
- Display Properties & Text Properties
- Units etc…

Java Script

- Introduction to JavaScript & Syntax
- Data Types, Variables, and Operators
- Functions, Scope, and Closures
- DOM Manipulation and Events
- JavaScript Objects and Arrays
- Asynchronous JavaScript (Callbacks, Promises)
- ES6+ Features (Arrow Functions, Classes, Modules)
- Fetch API and AJAX

Python

- Brief Intro to Python
- Variables
- Data Types
- String Concatenation
- String Repetition
- Length of String
- Type Conversion
- String Indexing
- String Slicing
- Operators
- Statements
- Loops
- String Methods
- Lists
- Tuples
- Dictionaries
- Sets
- Functions
- Patterns etc..

Python Flask

- Setup environment
- Workflow
- Complete Backend Process

SQL

- MySQL Installation on Windows
- Introduction to SQL
- SQL Datatypes
- Database creation
- Table Creation
- Primary Key and Foreign Key
- Creating Tables in our Movies Database
- NSERT
- SELECT
- Example Problems
- Constraints
- WHERE
- Using operators with WHERE
- Arithmetic operators
- Comparison operators
- Logical operators
- ORDER BY
- LIMIT
- Aggregate functions
- GROUP BY
- HAVING
- Order of mentioning SQL clauses
- UPDATE
- Cascading for Foreign keys
- ALTER TABLE
- Other operations on Tables
- JOINS
- INNER JOIN
- LEFT JOIN
- RIGHT JOIN
- CROSS JOIN
- SELF JOIN
- UNION
- Subqueries

I had planned the duration for all the contexts in the objective in the following way:
(**Estimated Only**)

- HTML - 10 Days
- CSS - 10 Days
- JavaScript - 12 Days
- Python & Flask - 15 - 20 Days
- SQL - 6 Days

Each and every domain contains 1 Project and Final Project will be there.