

# **Web Development**

(Course 1)

### 1. HTML

#### 1.1. HTML Elements

- 1.1.1. Main Root
- 1.1.2. Document Metadata
- 1.1.3. Sectioning Root
- 1.1.4. Content Sectioning
- 1.1.5. Text Content
- 1.1.6. Inline Text semantics
- 1.1.7. Image and Multimedia
- 1.1.8. Embedded Content
- 1.1.9. Table Content
- 1.1.10. Forms

#### 1.2. How to build a fully standard website

# 2. CSS (Cascade Style Sheets)

#### 2.1. How to import CSS

- 2.1.1. Inline Style
- 2.1.2. Meta Style
- 2.1.3. Style Sheet

#### 2.2. Selectors

- 2.2.1. Universal Selector
- 2.2.2. Type Selector
- 2.2.3. Attribute Selector
- 2.2.4. Id Selector
- 2.2.5. Class Selector
- 2.2.6. Group Selector
- 2.2.7. Pseudo-Class Selector

#### 2.3. Combinators

- 2.3.1. Child Combinator
- 2.3.2. Adjacent Combinator
- 2.3.3. Descendent Combinator
- 2.3.4. General Siblings Combinator

#### 2.4. Cascade

- 2.4.1. Specificity
- 2.4.2. Source Order

#### 2.5. Box modules

- 2.5.1. Content
- 2.5.2. Padding

- 2.5.3. Border
- 2.5.4. Margin

#### 2.6. Measurements

2.6.1. Relative and Absolute Measurements

#### 2.7. Positions

- 2.7.1. Static
- 2.7.2. Relative
- 2.7.3. Absolute
- 2.7.4. Fixed
- 2.7.5. Sticky

#### 2.8. Properties

- 2.9. Browser reset using Normalize.css
- 2.10. Animations
- 2.11. Key Frames
- 2.12. Media Query
- 2.12. How to create a responsive website for all devices

## 3. JavaScript (JS)

- 3.1. Variable and data type (Loos type and Dynamic type)
- 3.2. Functions(Methods)
- 3.3. Arrays
- **3.4.** Loops
- 3.5. Flow Controllers
- 3.6. Objects
- 3.7. Timers
- 3.8. Events
- 3.9. How to use libraries
- 3.10. Animations
- 3.10. DOM manipulation

### 4. Bootstrap

- 4.1. How to use bootstrap
- 4.2. How to use bootstrap templates

### 5. jQuery

5.1. How to simplify DOM manipulation with jquery

# 6. Figma (UI/UX design)

### 7. Free hosting

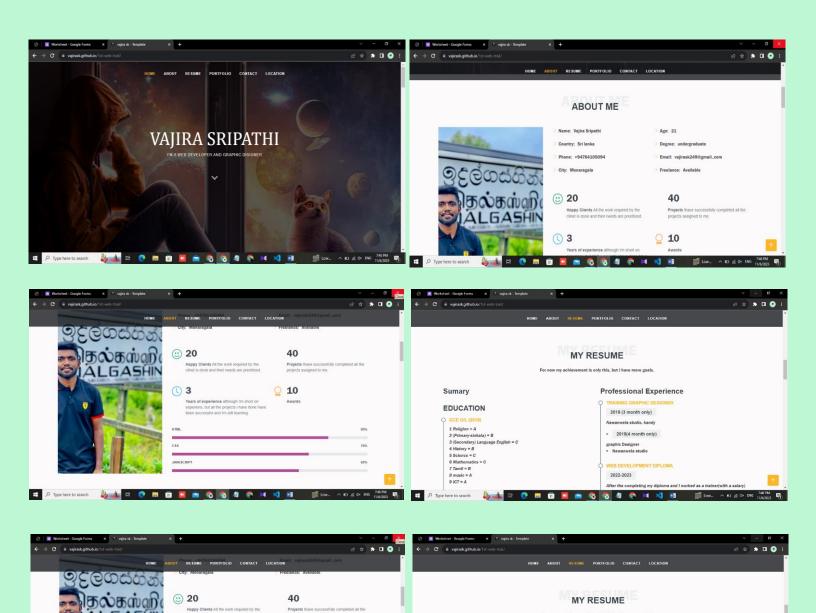
# 8. Create full complete Web-Site

# 9. Many sub theories included

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# **Student Works**



Sumary

**EDUCATION** 

1 Religion = A
2 (Primary-sinhals) = B
3 (Secondary) Language
4 History = B
5 Science \*\* C
6 Mathematics = C
7 Tamil = B
S music = A
9 ICT = A

**Professional Experience** 

2019 (3 month only)

Nawanwela studio, kandy

2019(4 month only)

2022-2023

