

FrontEnd Programming (HTML, CSS and JAVASCRIPT)

Front-end developers are the architects of websites and apps. Your job is to make ideas and designs come to life.

The curriculum starts with critical communication, leadership, and career development skills to help you thrive in the digital workforce.

You'll learn how to code in HTML, CSS, and JavaScript through hands-on projects that push you to design user-friendly websites. Your capstone project is to publish your own fully functional website on GitHub.

The goal of this Front-End Web Developer curriculum is to equip learners with the unique skills they need to build and develop a variety of websites and applications.



Learning Outcome

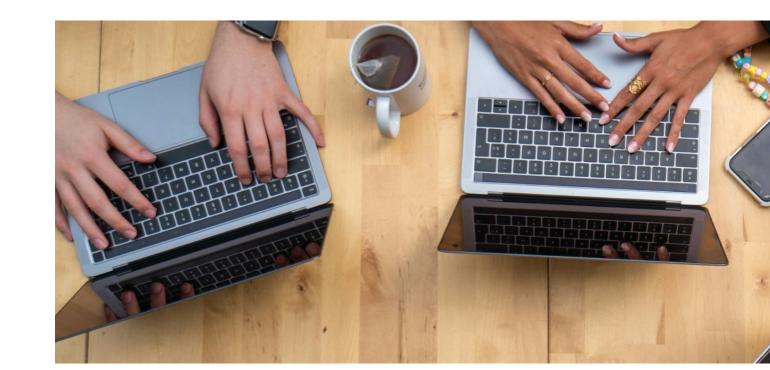
- Participants will gain proficiency knowledge in HTML, CSS, and JavaScript
- Build basic and functional web application
- Been able to Design, think, use Figma and Adobe XD to build your websites
- Participants will learn how to publish websites to GitHub pages

Essential Soft Skills

- Constant Learning Mindset
- Communication
- Open to embracing failure
- Effective Research
- Collaboration and teamwork

- Succeeding in job interviews
- Workflows and processes
- Relevant contextual information

Who should attend?



- Anyone new to coding or have limited coding experience, but are interested in designing and building websites.
- If you already have a basic understanding of software development but want to build your front-end skills like web design and development
- Aspiring UI/UX Designers: Those looking to start a career in UI/UX design.
- Front-End Developers: Developers who want to up-skill
- Graphic Designers: Creatives wanting to transition into digital design.
- Product Managers: Leaders aiming to understand design processes to improve product development.
- Software Engineers: Coders wishing to acquire design skills to build more user-friendly applications.
- Entrepreneurs: Business owners interested in designing better digital experiences for their customers.
- Anyone with an interest in creating engaging and effective user interfaces and experiences, regardless of their current skill level in front-end programming

MONTH

August & September

WEEK 1 - Enviroment Setup

- 1. Computer basics
- 2. File systems
- 3. Browsing the web
- 4. Command line basics
- 5. Code editors
- 6. Git and GitHub
- 7. Figma and Adobe

WEEK 2 - Web Standards

- 1. How the web works
- 2. The HTML, CSS and JavaScript Triangle
- 3. The web standards model
- 4. How browsers load web pages

WEEK 3,4 & 5 - Semantic HTML

- 1. Basic HTML syntax
- 2. Good document structure
- 3. Advanced text techniques
- 4. Links
- 5. Media
- 6. Other interactive elements
- 7. HTML tables
- 8. Debugging HTML

MONTH

August & September

WEEK 3,4 & 5 - Semantic HTML (CTD.)

- 9. CSS FUNDAMENTALS
- 10. Basic CSS syntax
- 11. Selectors
- 12. The box model
- 13. Handling conflicts in CSS
- 14. Values and units
- 15. Sizing
- 16. Backgrounds and borders
- 17. Overflow
- 18. Styling form elements
- 19. Debugging CSS
- 20. Layout and positioning
- 21. Animation
- 22. Responsive design
- 23. CSS frameworks

WEEK 6 & 7 - JavaScript Fundamentals

- 1. Have a positive mindset
- 2. Don't be discouraged
- 3. Setup/tools
- 4. Basic variables
- 5. Functions/scoping
- 6. Advanced variables
- 7. Basic DOM
- 8. Control flow
- 9. Asynchronous code

MONTH

September

WEEK 6 & 7 - Javascript Fundamentals (CTD.)

- 10. Advanced DOM
- 11. Modules/bundlers
- 12. JavaScript Advanced
- 13. Destructing
- 14. Spread/rest operators
- 15. Optional chaining
- 16. Maps
- 17. Bind
- 18. Call and apply
- 19. Enhanced object literals
- 20. Object-oriented programming
- 21. Functional programming
- 22. Testing
- 23. Security
- 24. Clean code
- 25. JavaScript frameworks

WEEK 8

1. Review and Project

COST OF PROGRAM PACKAGES

WEB DEVELOPMENT

Class Duration- 2 Month

Prices

• Virtual: \120,000

• Physical: #150,000

