

# Frontend Roadmap



1

## HTML

Create semantic, mobile-friendly web pages with HTML5 elements, build forms with input validation, manage media elements, ensure accessible navigation, and use ARIA roles for improved screen reader support.

2

## CSS

Apply basic styles, master the CSS box model, use Flexbox and CSS Grid for responsive layouts, create animations, and ensure adaptability with media queries.

3

## JavaScript

Write, debug, and optimize JavaScript code using variables, control flow, DOM manipulation, event handling, asynchronous tasks, error handling, and modern features like arrow functions and modules.

4

## React

Learn React's component-based architecture, manage state and props, handle events, use lifecycle methods, and apply modern hooks in functional components.

# Backend Roadmap

1

## PHP

Master basic PHP syntax, control structures, functions, arrays, string manipulation, forms, file handling, sessions, error handling, performance optimization, and advanced OOP concepts.



2

## Laravel

Install PHP and Composer, define and manage routes, work with controllers and Blade syntax, understand Laravel project structure, and master routing, middleware, and scalable application design.



3

## SQL

Understand SQL basics for managing databases, including creating and modifying databases and tables, using key constraints for data integrity, optimizing queries with indexes, preventing SQL injection, and learning about SQL's history and evolution.



# On the Way ...



## Technical Skills

UI/UX

Problem solveing

Writing Clean Code (Hacker rank)

Responsive and Adaptive Website

Performance

Use Technical extensions

Connective learning  
(GitHub, Linked in, CV, portfolio )

## Soft Skills

Searching

Learn How to Learn

Communication

Team Work