Web Development

BUILD THE WEB WITH CONFIDENCE!

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Overview

TopTech School's Web Development Program is a transformative course that prepares students to break into tech careers. The program is designed to get our students hired by completing the program requirements successfully.

This Web Development program features up-to-date technical instruction, career coaching and professional connections to top employers. Join this great program via our remote classrooms and build your professional career.

As a graduate web developer, you'll leave with a solid base of Web Development, Structured Query Language (SQL) for using database, programing language like HTML, CSS, JAVASCRIPT, PHP, MySQL Database and PHP Integration, Laravel Framework and practical Laravel Web Project and other tools which are commonly used for web development as well as practical experience.

Join us and become a skilled developer ready for any project!

Throughout the Program, you will learn:

- Month 1: HTML
- Month 2: CSS
- Month 3: JavaScript
- Month 4: PHP
- Month 5: MySQL Database and PHP Integration
- Month 6: Laravel Framework
- Final Month: Laravel Web Capstone Project
- Mock interview for Job Market and Resume Preparation
- and finally, Start applying for Web Developer positions

Pre-requisite:

Web Development program starts from very basics with no prerequisites to intermediate and then to advanced levels which prepares the students to higher and higher level by completing each class. Whether you are new to the field or you are looking for more skillsets, our curriculum helps you gain practical knowledge.

English Language Proficiency: Students are expected to understand and speak English to be able to join the class.

Computer Literate and Internet Connection: Since the classes are offered online, students must have a stable internet connection and know basic computer use.

Our admission team can discuss your background and learning goals to advise you on how to complete the SDET program successfully.

After Completing the Program:

Mock Interviews for the Job Market

Learn how to talk and crack any technical job interview
Resume Preparation:
The school will make professional resumes for the Web Developer job application
LinkedIn Profile: The School will help you create your LinkedIn profile and connect you with professionals for quick employability.

Mentoring Sessions:

School professional mentors will assist you in job application methods, interview process and other web developer job-related applications until you get a job offer.

What You will Learn:

Detailed breakdown of the 6-month web development course with classes 3 days in a week every other day with practical project classes at the end of each month.

Month 1: HTML

- Introduction to HTML
- Basic HTML structure
- Common HTML elements (headings, paragraphs, lists, links)
- HTML attributes
- Images and media elements
- Forms and inputs
- Monday: Tables and data
- Semantic HTML
- HTML5 new features
- Review and advanced HTML topics
- Accessibility in HTML
- Project Class: Build a simple HTML website

Month 2: CSS

- Introduction to CSS
- syntax and selectors
- Colors and backgrounds
- Box model
- CSS layout: Flexbox
- Responsive design
- CSS Grid
- Advanced CSS techniques
- CSS animations and transitions
- Review and practical CSS
- CSS preprocessors (Sass, Less)
- Project Class: Style the HTML website with CSS

Month 4: PHP

- **to PHP**
- **PHP syntax and variables**
- **Control structures in PHP**
- **Functions in PHP**
- **Working with forms**
- **File handling**
- **Sessions and cookies**
- **Error handling**
- **Security in PHP**
- **Advanced PHP topics**
- **Review and Q&A**
- **Project Class: Basic PHP web application**

Month 5: MySQL Database and PHP Integration

- Introduction to databases
- MySQL basics: Creating databases and tables
- CRUD operations
- SQL joins and relationships
- Integrating MySQL with PHP
- Advanced MySQL queries
- Database design and normalization
- Project Class: Develop a PHP application with a MySQL backend

Month 6: Laravel Framework

- **ntroduction to databases**
- **MySQL basics: Creating databases and tables**
- **CRUD operations**
- **SQL joins and relationships**
- **Integrating MySQL with PHP**
- **Advanced MySQL queries**
- **Database design and normalization**
- **Project Class: Develop a PHP application with a MySQL backend**

Final Month: Laravel Web Project

Planning and designing the final project

Building the project: Part 1

Building the project: Part 2

Building the project: Part 3

Final touches and deployment

Project Presentation and Review