



⚡ Introduction

Chapter 1/5

Introduction to HTML and CSS

How Can TripleTen Help Me Become a Software Engineer?

Dot

Hey, I'm Dot, and I'm here to help you springboard into the world of tech professions.

For those who are new to programming, let's talk about what software engineers actually do.

At the most basic level, software engineers write code. In our program, we focus on web development, which involves writing code for websites. The process of creating a website is usually performed in several stages. The first stage involves coming up with an initial concept, followed by planning, design, development, testing, deployment, and maintenance. Essentially, any webpage on the internet is the result of this process. (Someday, this might include websites that you've created!)

Web developers are in high demand in today's employment market, and this demand is projected to grow much faster than the average for all occupations. The median annual US salary for software engineers in the web development industry was \$114,214 in May 2023.

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Now, let's look to the future and see what skills and projects our graduates will have under their belts after completing the full program at TripleTen.

Hard Skills

Web Technologies

- HTML 5
- CSS 3
- JavaScript

Front-End Stack

- React.js
- Webpack

Back-End Stack

- Node.js
- Express.js
- Mongo DB

Soft Skills

- Communication
- Independence
- Teamwork

Portfolio Projects

- Two landing pages
- Social media app
- Outfit planner app
- + Full-stack application of your choice

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Seem like a lot? Well, you're not going to be learning it all on your own!

As you work on the program, you will get support from our tutors, who are experienced software engineers themselves. Our tutors are all employed by different companies, and this allows them to bring you the most up-to-date industry perspective.

Additionally, our code reviewers will go through your code line by line and point out areas where you could improve. You'll get the chance to receive feedback from a code reviewer when you finish the project in this demo sprint!

Throughout the program, our community managers will be helping you stay on track and, of course, you'll have the entire student community to rely upon too!

To help you finish the program within 10 months, we've divided the curriculum into sprints of 2 (or 3) weeks. During each sprint, you'll study new technical topics, work through a set of tasks, and complete a project with a deadline — just like you would at a real job. You'll be able to see any approaching due dates in the calendar on our platform, and the community manager can help you adjust deadlines if needed.

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What sort of technical requirements does our program have? I'm glad you asked!

You may think you'll need a supercomputer to become a tech professional, but most modern machines that run Windows, macOS, or Linux are good enough to get the job done, even if you bought your computer a few years ago. Our minimum recommended specifications are shown below.

Processor (CPU): Intel Core i5 or i7 / AMD Ryzen 5 or 7 / Apple M1 or M2

Memory (RAM): 8GB minimum, 16GB recommended

Storage: 256GB SSD and 20GB of free space minimum

Operating system (OS): Windows 10 or newer, macOS 11 (Big Sur) or newer, or a Linux distribution

Screen resolution: 1280 x 800 minimum

Stable Internet connection: 1.5 to 2 Mbps down / 2 Mbps up minimum

Browser: Google Chrome preferred

Keep in mind that and smartphones or tablets won't be sufficient, nor will ChomeOS, the operating system that is the default on a Chromebook.