

# Chegg Skills

# Frontend Web Development

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 Part-time (10 hours/week)

 100% online

 Certificate of Completion

# Introduction

Congratulations on taking a major step in advancing your career. In this program, you'll learn key skills that employers identify as critically needed for entry-level practitioners in this growing field.

As a member of the Chegg family, we are always Student First. Backed by one of the largest ed tech companies in the world, we're committed to giving you the skills and learning support you need to grow professionally



## Here's what you need to know:

- **Program Length:** 4 months (13 weeks)
- **Time Commitment:** Part-time (10 hours/week)
- **Instructional Type:** Online
- **Class Schedule:** Independent study and one 45-minute 1-on-1 mentor session each week
- **Credential Awarded:** Certificate of Completion

The minimum expected time commitment for this program is estimated at 10 hours/week. This includes your required 1-on-1 mentor session each week. Within this self-paced course, some students may progress more quickly than others.

# About the Program

Our Frontend Web Development Certificate trains aspiring programmers with fundamentals of frontend web development, including writing efficient code, rendering and react state management using JavaScript, frontend routing, and frontend deployment. Students enter from many backgrounds and graduate with the entry-level skills of a frontend web developer.

**This program covers 5 high-level objectives:**

**1** Engaging with basics of frontend web development

**2** Creating interactive web pages

**3** Routing and deploying webpages

**4** Collaborating and providing feedback on issues faced as developers

**5** Updating website elements

Course 1

# Frontend Web Development Fundamentals

Master the frameworks, tooling, and methods of frontend web development.

## Modules include:

- Frontend Web Development Overview

## How You'll Apply These Skills:

Apply the fundamentals of frontend web development by designing interactive websites and applications using advanced HTML, CSS, and JavaScript.

Course 2

# Creating Interactive Webpages

Use React to design and develop interactive webpages.

## Modules include:

- Rendering in React
- React State Management
- React + APIs

## How You'll Apply These Skills:

Create and run a React app and determine which components should be developed for a variety of webpage designs.

Course 3

## Frontend Routing & Deployment

Learn to route and deploy your webpage to Render from GitHub.

### Modules include:

- React Router
- Frontend Deployment

### How You'll Apply These Skills:

Create frontend routes, organize React code, and deploy applications to Render using GitHub.

Course 4

## Developer Collaboration

Understand life as a developer through collaboration and error resolution.

### Modules include:

- Developer Collaboration

### How You'll Apply These Skills:

Learn tools for collaborating as a developer by troubleshooting issues, incorporating user experience to write stories, and giving feedback to other developers.

Course 5

# Advanced Frontend Development Techniques

Synthesize prior learnings and explore advanced frontend development concepts to dynamically update and authenticate websites.

## Modules include:

- Redux
- Advanced Frontend Web Development
- Final Capstone

## How You'll Apply These Skills:

Explore advanced frontend web development concepts such as updating website elements dynamically, creating new features and tooling, and user authentication with protected APIs.

# Career Services

Career-specific skills are part of your journey. After all, you're here not only to learn new skills, but to grow professionally. That's why we include a host of resources that are aimed at career advancement.

## Your program includes career guidance on:

- 1 Nailing your interviews
- 2 Crafting the perfect resume
- 3 Polishing your LinkedIn profile
- 4 Salary and negotiations
- 5 Building your professional network

# FAQs

## What is the experience level for Program Instructors?

Instructors are chosen based on their academic credentials, relevant industry experience, and teaching ability. Chegg Skills collects weekly feedback from students and staff in order to evaluate the quality of each program. Chegg Skills also considers industry demand for particular skill sets and success rates with each program. They look for areas of improvement, ensuring that each program has successful outcomes that match Chegg Skills mission.

The minimum requirements to serve as a mentor, technical expert, or instructor for all Chegg Skills programs are:

- 3+ years of relevant industry experience
- Demonstration of genuine student advocacy and empathy for beginners
- Exceptional written and verbal communication skills

## What is the experience level for mentors? Can I choose my own?

Mentors are assigned by Chegg Skills based on fit and availability. The minimum requirements to serve as a mentor are 3+ years of relevant industry experience, demonstration of genuine student advocacy, empathy for beginners, and exceptional written and verbal communication skills.

## What support do you offer students during the program?

You are fully supported from the moment you start learning, with a comprehensive, personalized approach to your success that means that while you're learning online, you're never alone. Regardless of the program you choose, you'll be assigned a mentor who's focused on helping you understand the material and excel in the program.

## Do I need a computer to take the course?

Chegg Skills programs require a computer with high-speed internet access and video capability, including a webcam, a microphone, and speakers. Every student must own or have access to a personal computer with at least:

- 16GB RAM
- At least 2.0 GHz processor
- At least 256 GB HD

Computers must be available prior to the first day of class. Headphones are highly recommended. Macs must have the most current OS version installed, and PCs must be using either Windows 10 (or newer Windows operating systems) or a current version of a Linux operating system.



# Chegg Skills

**Apply for the  
Part-Time  
Frontend Web  
Development  
Program today.**

Kickstart your path to a new career here.