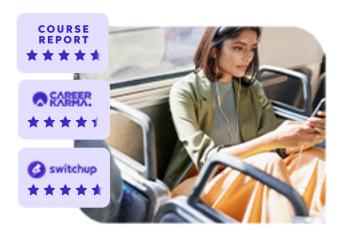# Chegg Skills

Backend Web Development

🕐 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 30-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 Backend Web Development Certificate trains aspiring programmers with fundamental knowledge in backend concepts such as running a server, server architecture, database management, and backend deployment. Students enter from many backgrounds and graduate with applicable skills to enter the field as an entry-level backend web developer.

This program covers 5 high-level objectives:

1 Engaging with basics of backend web development

2 Building a server through configuring projects, error handling, and incoming request management

3 Managing a database and inserting, querying, and updating data

4 Relating and deploying web pages through the cloud

5 Updating workflows and troubleshooting

Course 1

Backend Web Development Fundamentals

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

Modules include:

• Introduction to Backend Web Development

How You'll Apply These Skills:

Master the frameworks, tooling, and methods related to backend web development while building upon prior knowledge of terminal commands, GitHub, and JavaScript.

Course 2

Server Architecture

Run a server through managing related projects and troubleshooting errors.

Modules include:

• Node & Express
• Robust Server Architecture

How You'll Apply These Skills:

Run a simple server with Node and Express, including configuring projects and error handling.

Course 3

Database Management

Manage databases through understanding database architecture and manipulating data.

Modules include:

- No SQL Databases
- PostgreSQL

How You'll Apply These Skills:

Understand different types of databases and database management strategies through key commands like creating and viewing tables, inserting data, and updating data.

Course 4

Backend Relationships and Deployment

Create relations and migrations that enable deployment.

Modules include:

- Creating Relations
- Node, Express, & Postgres
- Backend Deployment

How You'll Apply These Skills:

Build backend relations and master database deployment techniques while troubleshooting common errors.

Error Management and Security

Combine learnings across the full stack application, trace errors, and understand security concerns in backend web development.

Modules include:

- Full Stack Application Workflow
- Web Security

How You'll Apply These Skills:

Understand common full-stack development workflows, security concerns, and technical terminology.

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 Backend Web Development Program today.

Kickstart your path to a new career here.