Development

Web developer

Individual mentor

Level 5 diploma (bac +2) *

Master web development and create websites from A to Z!

📅 TRAINING PERIOD

6 months full-time **12 months** work-study**

⏱ TRAINING DURATION

402 hours supervised

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The training requires an investment of time estimated at 804 hours: 402 hours of supervised training (projects supervised by mentors) and 402 hours of guided training (courses and educational resources). In work-study studies, the total duration does not include the time spent in the company.

The training period may be extended in the case of part-time training. The duration is estimated and depends on the entry level of training, availability, the time allocated per week and the student's abilities and learning pace.

*IT Developer - NSF code 326, 326t - Level 5 diploma (bac +2) - professional certification registered with
National Directory of Professional Certifications (RNCP) by decision of France Compétences published on 10/18/2023

** Check the eligibility of the course according to your work-study contract (professionalization or apprenticeship).

Become a Web Developer: create and maintain dynamic websites.

As a web developer, you will be in charge of designing, creating and maintaining websites. You will collaborate with design and marketing teams to create optimal user experiences.

Typical missions that you can carry out:

1. **Build a responsive and dynamic website** that adapts to any type of screen thanks to the integration of graphic model elements (front-end development with HTML, CSS, JavaScript and React)
2. **Create APIs and databases** to develop complete and dynamic sites and ensure proper functioning on the server side (back-end development with NodeJS, Express and MongoDB).

3. **Optimize the performance and carry out maintenance of existing websites** to enable their optimal functioning and good visibility on search engines (SEO).

4. **Manage a web project from A to Z:** from project planning to presenting the solution to the client, including writing technical specifications.

You will master the most requested technologies and technical languages:

HTML, CSS, JavaScript, React, Git/GitHub, NodeJS, Express, MongoDB, les API REST

Our training allows you to learn by doing
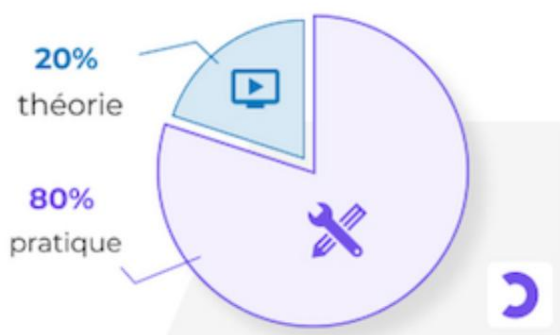
Carry out concrete projects based on professional scenarios. Knowledge is good, know-how is better!

You are supported by a mentor, a professional in the field, throughout your training

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Danyl Semmache, computer engineer, one of our mentors on the courses development.

« As a mentor . I support students with all skills thread of their I travel, massure let them raise their in in remaining available to answer all questions. »

Independent, but never alone!

At OpenClassrooms, you can count on numerous supports:

- Mentors, experts in the field
- Educational advisors dedicated to your success
- A community of students on Slack

Your career and job opportunities following this programme

By following our online training, you will be able to practice many professions including that of **web developer, front-end developer,** or back **-end developer**

The profession of developer ranks first among the most sought-after professions in the digital sector.

Source : GEN, Grande Ecole du Digital, January 2023

Market salaries for the position of Web Developer

The salary depends in particular on the level of seniority*

- **30,000** annual gross for a **beginner** profile
- **45,000** annual gross for a **confirmed** profile

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However, this range may vary depending on the size of the company and the region.
*APEC factsheet

You will be able to progress towards other professions linked to IT development or
specialize (front-end, back-end, mobile application development) after
a few years of experience or by continuing your studies following this course.

**Discover the perspectives of professionals on the profession of
Web developer**

[Learn more about the codes of the Web Developer profession through the episode
dedicated to our podcast.](#)

What if you followed this work-study training?

**Web Developer training is available as a professionalization contract
and learning.**

With OpenClassrooms you can start your work-study program at any time.
time of year. Your training is financed by the company and you receive a
monthly salary, calculated according to your situation. In addition to concrete projects to be validated
in the training you can directly practice your skills
acquired during your journey.

**To support you in this process, the OpenClassrooms teams
help find a company ready to hire you from the start of your studies**
!

Find out more about **work-study** online at OpenClassrooms.

Our alumni tell

Benoit Mouly, work-study student on the Web Developer course

« there will always be our mentor moment, to reboost us from the beginning to the end. if we are accompanied So, even if we have a little weakness to one or the community of students for ».

Pauline Fumeron, graduate of the Web Developer course

« The projects are really concrete. They allowed me to learn lots of languages, and In the end, I was proud of the deliverables achieved. »

Prerequisites for applying

To access certification directly, candidates must justify one of the following **prerequisites :**

- hold a baccalaureate or a level 4 certification (or equivalent);

or

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- have professional experience of at least 12 months related to the digital field;

And

- carry out a technical test on the following themes: web integration in HTML and CSS, basic knowledge of JavaScript and React. This test will be sent to you during the admission process. A minimum score of 4/5 on the technical test is necessary to be admitted.

Language : minimum B2 level in French.

To ensure you have the prerequisites, you can test your skills by taking the quizzes in the following courses:

- **Learn how to create your website with HTML5 and CSS3 ; Learn to**
- **program with JavaScript.**

You don't have the prerequisites? These three more specialized training courses are accessible to beginners:

- Web Integrator for front-end developer with React;

- Wordpress Developer to learn how to develop custom WordPress sites with PHP;

- Software tester to learn the profession of QA tester or manual tester.

Material

To follow the training and be evaluated, you must have access to a computer (PC or Mac), equipped with headphones, a webcam and have a good Internet connection (3.2 Mbps sending and 1.8 Mbps receiving data). Click here to test the quality of your connection. You must also be an administrator of your computer in order to install additional programs.

For all candidates, the selection procedure is carried out through an application form validating the academic or exceptional prerequisites, as well as the adequacy of the professional project with the objectives of the training. The supporting documents constituting the admission file will be collected via this form. If necessary, an individual motivation interview is organized.

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Project 1 - 10 p.m.

Start your training

Web developer

Discover your projects and plan your training.

Target skills

- Define the framework of your training

Related courses

Commit to your training OpenClassrooms

📊 Easy   🕐 2 hours

Take charge of your OpenClassrooms journey and carry out your first project by following this course designed to support you in these first stages of training.

Understanding the Web

📊 Easy   🕐 6 hours

Are you interested in the world of the Web, but you don't know anything about it? Do you get confused when you hear geeky vocabulary? Immerse yourself in web culture with this course!

Discover developer jobs

📊 Easy   🕐 6 hours

Coders, programmers, developers... What are they? Discover the different development professions, from web to mobile, from back-end to front-end. You will see how to train yourself and how to progress in the code.

📊 Easy

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Project 2 - 80 hours

Create a travel agency homepage with HTML & CSS

Get started on HTML and CSS by integrating the web page of Booki, a vacation booking platform.

Target skills

- Implement a responsive interface with HTML and CSS
- Integrate content according to a mockup with HTML and CSS
- Version your project with Git and Github
- Install a front-end development environment

Related courses

Set up your front-end environment

📊 Easy   🕐 4 hours

Front-end development, like any field, requires more than know-how, you need the right tools! In this course, you will install and learn the tools that will serve you throughout your career as a front-end developer.

Create your website with HTML5 and CSS3

📊 Easy   🕐 15 hours

Do you dream of learning to create websites? Get started with this course which will teach you everything you need to know about developing websites in HTML5 and CSS3!

Manage code with Git and GitHub

Easy   6 hours

Install Git and GitHub and learn basic Git commands to manage your
code and deploy your development projects.

**Fix your bugs and find a solution to your code
problems**

Easy   4 hours

Learn how to debug your code and find solutions to calmly tackle your code
problems to write!

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Project 3 - 60 hours

Create a dynamic web page with JavaScript

Help your team finalize an architect's new website by creating a dynamic site with JavaScript, communicating with an API.

Target skills

- Handle user events with JavaScript
- Manipulate DOM elements with JavaScript
- Retrieve user data in JavaScript via forms

Related courses

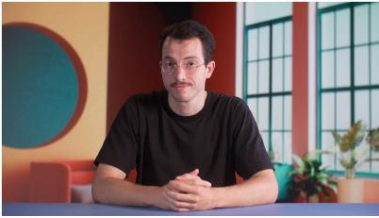### Learn how to use the command line in a terminal

Easy   6 hours
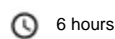
Learn to write command lines that will allow you to communicate with your computer.

Learn to program with JavaScript

Easy   12 hours

Master the basics of JavaScript programming and its programming logic by creating a dynamic website.

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Create dynamic web pages with JavaScript

📊 Average   🕐 12 hours

Manipulate the DOM, make your web page dynamic, use an HTTP API to interact with a web service, and use libraries to enrich your web page.

📊 Average   🕐 12 hours

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Project 4 - 50 hours

Debug and optimize a photographer's site

Help your client appear at the top of Google search results with SEO and accessibility best practices. You will also have to debug certain anomalies in the code.

Target skills

- Optimize website performance
- Debugger a website thanks to Chrome DevTools
- Write a recipe book to test a site

Related courses
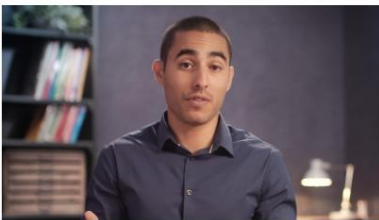
Increase your traffic thanks to natural referencing (SEO)

▪▪ Easy   🕐 10 hours

Increase your website traffic thanks to natural referencing and build an SEO strategy integrated into the marketing strategy.

Optimize your site's referencing (SEO) by improving its technical performance

▪▪ Average   🕐 10 hours

Improve the SEO of a site by acting on its crawlability and speed and optimize a Javascript or multilingual site.

Design accessible web content

▄▊ Easy　　　　🕐 6 hours

Find out how people with disabilities use assistive technologies.
Assess digital accessibility barriers and design inclusive content
using WCAG guidelines, from visual design to interactions.

▄▊ Easy　　　　🕐 6 hours

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Project 5 - 60 hours

Create a real estate rental web application with React

Implement the front end of Kasa, a housing rental application. Set up components with React and application routes with React Router.

Target skills

- Configure navigation between application pages with React Router
- Develop website interface elements using React components
- Implement CSS animations
- Develop a web interface with Sass
- Initialize an app with Create React App

Related courses

Get started with React

📊 Average   🕐 8 hours

Discover React.js, the Javascript library that allows you to create your application in components. You'll see the fundamentals while building a complete web application with Create React App!

Create a complete React application

📊 Average   🕐 12 hours

Go beyond simple React apps! In this course, we will build a Single Page Application with routing, custom hooks, and tests.

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Project 6 - 60 hours

Develop the Back-End of a Book Rating Site

Create the backend of a book rating site so that it integrates properly with the frontend. You use Node.js, Express and MongoDB.

Target skills

- Implement a logical data model in accordance with regulations
- Implement CRUD operations securely
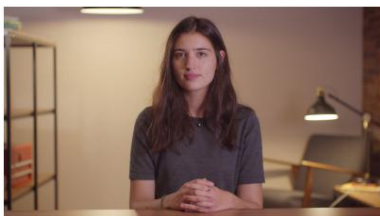- Store data securely

Related courses

Go Full Stack with Node.js, Express and MongoDB

📊 Average   🕐 10 hours

Apply your JavaScript skills to back-end development with Node, Express and MongoDB to build your web application and become a full-stack developer.

Adopt REST APIs for your web projects

📊 Easy   🕐 4 hours

Enrich your web projects with REST APIs by accessing data that can be integrated into your own applications. APIs will bring a new dimension to your software!

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Project 7 - 40 hours

Plan the development of your client's site

Plan each step of the project to develop a menu creation site for restaurateurs.

Target skills

- Break a feature into tasks to prepare for development
- Implement a technology monitoring method
- Present the technical solution
- Write the technical specifications of a web project based on functional needs
- Monitor the progress of the project using a project management tool

Related courses

Get started with agile project management

..I Easy   🕐 6 hours

Train your agile team, take into account user needs and develop agile practices such as Planning Poker, Kanban and Lean methods...

Manage your IT project easily

..I Easy   🕐 4 hours

Manage an IT project professionally using agile methodologies.

Set up an information monitoring system

📊 Easy   🕐 4 hours

Learn how to monitor to adapt to changes in your profession and to use information monitoring tools.

Become an agile developer

📊 Easy   🕐 4 hours

Become an agile developer: join a Scrum team, carry out a Sprint and discover agile development techniques such as
TDD, KISS and refactoring.

Project 8 - 30 hours

Create and publish your developer portfolio

Take stock of your skills, prepare your job search and deploy your online portfolio to give visibility to your projects.

Target skills

• Deploy a static site online

Related courses

Put your website online

📶 Easy   🕐 2 hours

Find out how to reserve a domain name, find a host and transfer files via an FTP client to send your site to the web!

Find your first job as a developer

📶 Easy   🕐 2 hours

Finding your first job? It's often an obstacle course. This course is here to help you adopt the right approach... and help you get it!

Work-study through OpenClassrooms.
Convenient and practical.

Learn wherever you are

No need to move to train: choose a company near you and
train online

Student side:

Work-study at any age with OpenClassrooms

Start a new career with our 100% online work-study training courses!
Real career accelerators, they offer qualifications, are paid and financed by companies throughout France. Start wherever you want, all year round.

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OpenClassrooms teaching and experience, the keys to your success

- **Learn wherever you are** No need to move to train: choose a company near you and train online.

- **Work on professional projects** Carry out concrete projects, based on business scenarios, directly applicable in business.

- **A mentor to support you** Benefit every week from advice from a professional expert who helps you progress throughout your training.

- **One salary and no fees** The company pays for your training and pays you a monthly salary, calculated according to your personal situation.

Employer side:

Recruit and train talented people tomorrow with the alternation

Recruit from our candidate base and train your future talents in shortage professions thanks to work-study programs.

Access work-study students for free OpenClassrooms

- **Discover motivated and quality profiles** Find

  candidates who really match your needs.

- **Recruit quickly thanks to our database of work-study students.**
  Unearth your future talents through your

  recruiter space.

- **Carry out your administrative procedures easily**

  No more paperwork: our teams take care of it also administrative.

Why online work-study?

The advantages of the OpenClassrooms work-study program are numerous: **flexible start date, training created by professional experts, personalized support, training funded...**

1. A salary and training financed by the company, who could say better?

Work-study training costs 0 for the student because it is financed by the company. And as with any work-study program, you will receive a salary during your training.

2. A flexible work-study schedule: practical for you and your business

Your contract can start at any time of the year, no need to wait until September or January! The work-study schedule provides for 3 or 4 days in the company per week and the training days can be adapted.

3. Training as close as possible to the reality of the profession

Our training courses are designed with recognized experts in their field, to meet the needs of businesses. They are registered in the National Directory of Professional Certifications (RNCP) and are recognized by the State.

4. Online, but always well accompanied

Because training is never easy, you are followed individually by a mentor, who helps you progress.
Our team of educational advisors is also there to support you at every stage of your course.

Everything you need to know about

work-study contracts

A question ? A project ?
Contact: **job.placement@openclassrooms.com**

Professional contract

1 to 2 days in training / 3 to 4 days in a company.

- The company hires the student on a fixed-term contract for 12 or 24 months (depending on the course of formation).
- The training is financed by an OPCO. OpenClassrooms is referenced in the main OPCOs thanks to its certified titles and its Datadock certification.
- The company takes the process of requesting support from its OPCO. Our teams are present at every stage to support him.
- The student is paid **on a basis which ranges from 65% to 100% of the minimum wage** (for a student over 26 years old).
- If the student is over 26 years old and is a job seeker, France Travail grants aid to employment at the company.

Apprenticeship contract

1 to 2 days in training / 3 to 4 days in a company.

- The student is hired for 12 or 24 months depending on their training.
- The apprenticeship contract concerns people aged 16 to 29 (no limit of age for RQTH audiences, but also business creators, high-level athletes and high-level management).

- The apprenticeship contract can be signed by employers in the public sector and private companies.

- Remuneration for the apprentice is provided: up to 100% of the minimum wage depending on their age and the year of his training.
- Our CFA supports you in all administrative procedures concerning the establishment of an apprenticeship contract.