

# Software & Web Development Bootcamp: Part-Time

An Employer Guide to upskilling your tech team

Invest in, retain and grow your tech teams.

If you are looking to up-skill or re-skill 'tech' and 'non-tech' individuals, our Skills Bootcamp could be the answer!

You can train existing talent with up to 90% of the course costs funded by the Department for Education!

Our Software & Web Development Bootcamp is a 6-week, intensive part-time course. It focusses on the principles of coding and applies it to both Python front-end web development and back-end development.

We look at software development methodologies and how these are used in industry. Students also get the opportunity to implement these in a group project.

Our course is for beginners and those with limited experience, no technical knowledge required.

Students complete practical, hands-on sessions as well as completing tasks to demonstrate knowledge and use their own interests and passions to create a website project for their portfolio.

**Part-time remote course, running specific days over a 6-week period.  
Each day on the course will be 09:30am - 17:30pm.**



**Gain valuable Commercial  
Skills**



**112.5 Hours  
hands-on Coding Experience**



# What is covered?

## Week One (3 days)

In your first week, you will be given an introduction to the Virtual Learning Environment, meet your development team, and download all of the software you need to become a developer. You will then begin your journey into Python.

- Introduction to Python
- Properties and methods, Variables, If else, Functions, Lists and Loops
- Dictionaries and their methods
- Introduction to libraries

## Week Two (3 days)

In week two, you will continue to learn Python programming concepts including Object Oriented Programming principles. You will put all your Python knowledge and skills into practice to create a mini Python game.

- Introduction to Classes
- Introduction to Object-Oriented Programming (OOP) /Team challenge and projects
- Develop problem solving skills through in class challenges and activities
- Creating a mini-game in Python
- Use of Trello

## Week Three (3 days)

In week three you will learn about Agile methodology and how this is used in industry as well as how to use collaborative technologies within a development team. You will use this approach to start planning a group project.

- Begin forming out the structure, and cosmetic elements of the web application product
- Hosting completed website online
- Completion of the course

# What is covered?

## Week Four (2 days)

In the fourth week, you will complete the group Python game project ensuring it meets all the requirements and passes acceptance testing. You will then be introduced to web development coding principles in HTML and CSS.

- Group project to create a Python game
- Introduction to HTML and CSS
- Exploring styles, Google fonts etc.

## Week Five (2 days)

At the start of this week you will look at Bootstrap 5 as a framework for web development and how to create a website using this technology. You will then be given a brief and start to plan out a mini team project.

- Introduction to Bootstrap 5
- Exploring styles in Bootstrap
- Mini team project for a client brief

## Week Six (2 days)

In week six, you will continue to work in small teams to create your own websites implementing all the learning from previous weeks as well as learning how to host your website online. You will then have a session to reflect on the course and your journey.

- Begin forming out the structure, and cosmetic elements of the web application product
- Hosting completed website online
- Completion of the course

**Government funding of up to 90% available depending on eligibility.**

**For more information, speak with our Admissions Advisors today.**

**Get in Touch today**



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