

Software Developer

The Software Developer Apprenticeship Standard is for people working in Software Development be it for mobile, web or server applications. Potentially preparing you for a multiplicity of roles in the software industry or even to enter anew. It has been designed to be very versatile to accommodate the variation in roles and organisations that employ development of software.

This programme will support you in developing the skill set to deliver measurable value to organisations as creative software developer. What you learn will also support your next professional steps.

Course Overview

WDR's Programme stands out from the crowd as a powerful, practical and person-centred development programme. It will inspire you to grow and expand your knowledge at the same time as embedding a valuable range of skills and behaviours. During the programme you'll be required to spend 20% of your time at work on off-the-job learning. This will include workshops, virtual learning, research and reflection.

This innovative programme is designed so you can easily fit your learning around your day job. You will have access to our online learning portal, which can be accessed anytime, anywhere so you get high-quality content and development on the go. On successful completion of this programme you will be offered the opportunity to join the British Computer Society Register of IT Technicians as a member of a nationally recognised body in this field.

Benefits

Upon successful completion of this programme, you will:

- Upgrade your software development skills to the best practice approach.
- Increase your confidence and credibility within the workplace.
- Create and enhance software.
- Gain transferable skills for use throughout your career.
- Achieve a nationally recognised standard in Software Development.



Duration:
22 Month Programme



Minimum Entry Requirements:
Typically, these are GCSE Maths and English at Grade C or above.



Maths and English:
Learners without level 2 English and Maths will need to achieve this level prior to taking the end-point assessment. It is our aim at WDR to provide opportunities for our learners to improve their skills in English and mathematics, embedding these skills so that they are developed and applied as an integral part of your study

Course Content



Programming:

Acquiring proficiency in cutting code. Developing skills in the use of a modern IDE, Integrated Development Environment. Building all manner of code constructs from basic specifications. Debugging and compiling or interpreting your own code. Reading and working with the code produced by others.



Software Development Methodologies:

Consider the seven generic stages of the software development lifecycle be it in an AGILE process or the Waterfall methodology. Compare and contrast the serial processes of the Waterfall with sprints, scrums and project backlogs of AGILE. Relate each Methodology to key deliverables. Review and relate the various roles of staff who work in the two methodology variants. Blend this consideration with analysis of what makes teams effective.

How will you be assessed?

Towards the end of the programme, you, your manager and WDR will decide together if you are ready for assessment. The assessment is then undertaken by a separate End Point Assessor organisation, chosen by your employer. The tutors at WDR will provide you with lots of support in preparing for the assessment. The assessment consists of four separate elements:



Portfolio (25%)

Produced towards the end of the apprenticeship, containing evidence from real work projects.



Project (25%)

A business related project over a one week period away from the day-to-day workplace.



Reference (25%)

An employer reference.



Interview with Assessor (25%)

Exploring what has been produced in the portfolio and the project.

Learning Portal

Our learning portal makes it easy to accumulate the evidence required by this stage. Throughout the programme, simply upload whatever documents, photos, or videos demonstrate your understanding and competence. Completing the self-reflective practices, regularly reviewing your learning with your cohort coach and undertaking set practice assessments will help ensure you are ready for this stage.

Apply for this course.

Apply for this course and ask any questions you may have by getting in touch with us via the contact methods below. You can also find information about this course and all of our other courses at our website, www.wdr.co.uk.

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