

SOFTWARE DEVELOPER

The Software Developer Level 4 Apprenticeship is suitable for a number of different job titles. These include Application Developer, Mobile Application Developer, Software Developer and Web Developer.

Is this training programme for your business?

The general purpose of a Software Developer is to understand the client's requirements as provided in design specification, before testing high-quality code solutions to provide the ideal outcome. Software Developers often have to develop computer applications and the underlying systems that run devices or control networks.

The Software Developer Level 4 Apprenticeship will help learners develop the knowledge and skills they need to further progress in their career. The apprenticeship training will allow learners to become efficient at developing software solutions across the full software development life cycle including research and development, through to continuous improvement and finally retiring the product or service.



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The learner journey

1. 24 months on-programme – This is when the individual will learn the skills, knowledge and behaviours which will support them for their End Point Assessment. The learner could partake in a combination of activities, such as classroombased sessions, mentoring, shadowing, bespoke resources and off-site visits in order to support their learning and development. Learners must also partake in off-job training.

2. Gateway – After the 24 months teaching and learning, you, your training provider and the learner will review the learners' journey and decide whether it is the right time for the on-programme assessment.

3. End-Point Assessment – The EPA evaluates all the work completed through the duration of the Apprenticeship.

For the Level 4 Software Developer Apprenticeship, the EPA consists of:

- a Work-based Project with questioning
- a Professional Discussion underpinned by a portfolio

How your employees will learn

We want to ensure that your staff members benefit fully from their training. As a result, we will mix in-person instruction with online learning to provide them the support and direction they require. A committed mentor will be assigned to each learner to help them through their training plan. Learners get unrestricted access to online resources for learning and support, as well as their mentor. The learners will benefit from all of this in order to satisfy the standards, which will enable them to become competent and completely qualified.

We will facilitate the delivery of the learners' End-Point Assessment through an approved Assessment Organisation registered on the Register of Apprenticeship Assessment Organisations.

The programme in brief

- Level 4 Software Developer Standard
- Duration – 24 months
- Blended approach to delivery which could include webinars, face-to-face, Skype, telephone and online learning
- Development of the learner's knowledge, skills and behaviour relevant to the job role
- Level 1 and 2 Functional Skills where appropriate
- End-Point Assessment

What your employees will learn

Learners who complete the Software Developer Level 4 Apprenticeship will learn how to do the following:

- Create logical and good quality code with sound syntax
- Develop effective user interfaces
- Test code and analyse results to correct errors
- Create simple software designs
- Produce analysis artefacts
- Apply algorithms, logic, debugging code, and structured techniques to problem-solving
- Communicate software solutions and ideas to stakeholders
- Utilise skills to build, manage and deploy code into enterprise environments

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