



Software Developer Level 4

Level 4



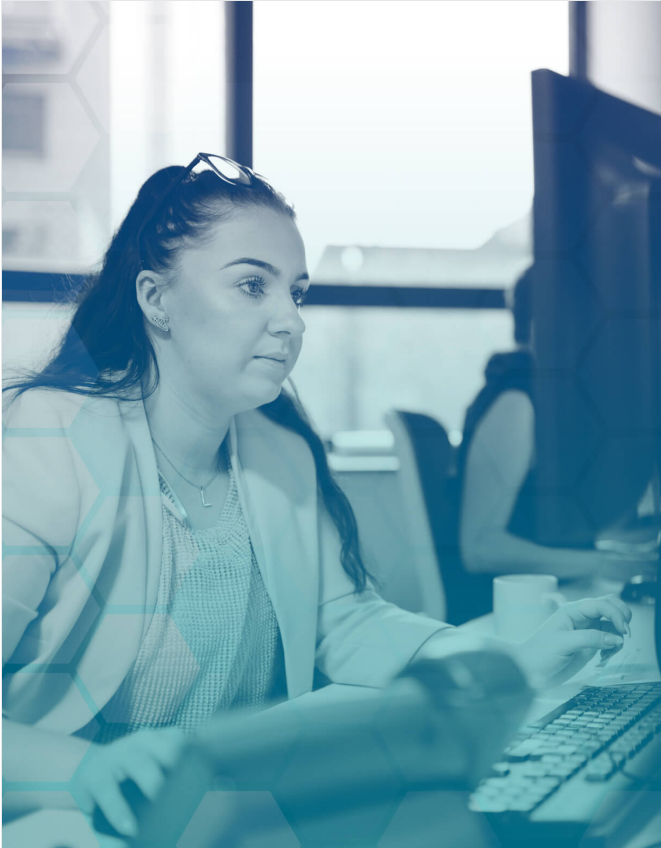
Overview

Apprenticeship: Software Developer Level 4

Qualification: Level 4

Duration: 24 months

The primary role of a software developer is to build and test simple, high-quality code across front end, logic and database layers. A developer will typically be working as part of a larger team, in which they will have responsibility for some of the straightforward elements of the overall project. The developer will need to be able to interpret design documentation and specifications. The customer requirements will typically be defined and agreed by more experienced or specialist members of the team, such as a business analyst or technical architect.



Type of job roles the programme is for

- Web Developer
- Application Developer
- Mobile App Developer
- Games Developer
- Software Developer

Qualifications

- Apprentices must achieve one internationally recognised vendor or professional qualification.
- Functional Skills in Maths
- Functional Skills in English

Progression opportunities

- Digital & Technology Solutions Degree

Core competencies

- Logic
- User interface
- Data
- Test
- Problem solving
- Design
- Analysis
- Deployment
- Development life-cycle

Training Process

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Software Developer Level 4

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- New learners are assessed by a Skills Coach to ensure their suitability for the programme
- After this, they will complete an initial assessment and scoping to identify areas of improvement, and development goals for the apprenticeship
- An apprenticeship induction is then held for new learners, where they will be introduced to the schedule of study

Modules

Ongoing Skills Development Coach Support

1 - KM1 Software Development Methodologies

- Classroom/Online: 9 days

2 - KM2 Software Language

- Classroom/Online: 27 days

Gateway

- 18 months

Assessment

- 21 months
- Synoptic Project, Summative Portfolio, Employer Reference & Structured Interview

Pathway

Apprenticeship: Software Developer Level 4

There is a clear GC Education & Skills career pathway for the apprentice once they've completed the Level 4 Software Developer course.

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ICT Apprenticeship Routes

Level 3

Infrastructure Technician Level 3

IT Professional Level 3

Level 4

Software Developer Level 4