



# Software Apprenticeships.

## DEVELOP THE TALENT TO TAKE YOUR COMPANY FORWARD

Our Software courses, Software Development Technician Level 3, Software Developer Level 4 and Software Tester Level 4 will give you and the apprentice the necessary knowledge, skills and behaviours to work effectively in roles such as:

Software Development Technician, Junior Developer, Junior Web Developer, Junior Application Developer, Junior Mobile App Developer, Junior Games Developer, Junior Software Developer, Junior Application Support Analyst, Junior Programmer, Assistant Programmer and Automated Test Developer.

Web Developer, Application Developer, Mobile App Developer, Games Developer, Software Developer.

Software Tester, Software Test Analyst

These Software Apprenticeships enable you and your company to build and test high quality code across multiple platforms and layers. Apprentices will work as part of larger teams to help drive elements in an overall project.

Whether you choose to upskill an existing member of your team or take on a new hire, an apprentice will not only cost-effectively transform your wider team's productivity and inject new skills into your business.

- ▶ Software development lifecycle
- ▶ Understand business context and market environment
- ▶ Configuration management and version control systems
- ▶ Write code for software components
- ▶ Apply appropriate security principles
- ▶ Manage code during build and release
- ▶ Enhance customers environments
- ▶ Integrate code into wider projects
- ▶ Testing code and products



# Why Apprentify?

## APPRENTICES OF THE HIGHEST CALIBRE

We identify the best talent through a robust quality driven apprentice selection process Defined by **behavioural and technical assessments** carried out over the course of the day.

## BEST PROGRAMME DESIGN

Virtual and innovative programme with **no venues to travel to**. The blended teaching is made up of interactive virtual classroom training, e-lessons and activities as well as 1:1 coaching sessions in the workplace.

## CUTTING EDGE CURRICULUM

All our programmes have been designed in-house by our team of industry experts and tutors with employers and businesses in mind and in particular job role skills sets for the future. Teaching is regularly updated so that it is both current and relevant.

## CONVENIENT STARTS

**Rolling starts** so your apprentice can start when it suits you rather than waiting for a fixed cohort start date.

## PATHS TO MASTERY

We not only offer the curriculum as set out in the standard, but employers can benefit from **further specialist training** which is right for the business. Exclusive to Apprentify and a true value add with no extra cost it gives apprentices the chance to gain additional qualifications in certain areas specific to their job role and chosen alongside the employer to ensure a relevant skill set for the company.

“We have just started working with Apprentify after using a couple of previous Apprenticeship providers that we have been disappointed with. Since the very first phone call the entire team that I have dealt with have been nothing short of exceptional! They have been communicative and supportive when going through the whole process and it has always been made clear to me who is responsible for what.”

**Sarah Comerford**  
Client Services Director  
Purple Creative Studio



**NOT EVERY COMPANY IS THE SAME,  
SO WHY WOULD THE TRAINING BE?**

# SOFTWARE DEVELOPMENT TECHNICIAN – LEVEL 3

[Click here to link to the course](#)

**Duration 13 months**

This apprenticeship is the perfect introduction to a career in software development. Job roles include Software Development Technician, Junior Developer, Junior Web Developer, Junior Application Developer, Junior Mobile App Developer, Junior Games Developer, Junior Software Developer, Junior Application Support Analyst, Junior Programmer, Assistant Programmer and Automated Test Developer.

Software development technicians typically work as part of a software development team, to build software components (whether web, mobile or desktop applications) to be used by other members of the team as part of larger software development projects.

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## Key learning outcomes include:

- Business context and market environment for software development
- Structure of software applications
- Software development lifecycle
- Roles within the software development team
- Implement code following a logical approach
- How code integrates into the wider project
- Follow sets of functional and non-functional requirements
- Database normalisation
- Follow good coding practices
- Principles of good interface design.
- Importance of building in security to software
- Logical and creative thinking skills
- Problem solving skills
- Work with a range of internal and external people
- Ability to communicate effectively in a variety of situations.
- Maintains productive, professional and secure working environments

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## Path to Mastery

- HTML5 Web Component Fundamentals
- Oracle Java
- Oracle PL/sql

# SOFTWARE DEVELOPER – LEVEL 4

[Click Here to link to the course](#)

**Duration 15 Months**

The Level 4 Software Developer Apprenticeship has been developed to play a significant role in code development for your business. The primary role of a software developer is to build and test, high-quality code across front end, logic and database layers.

Roles include Web Developer, Application Developer, Mobile App Developer, Games Developer, Software Developer.

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## Key learning outcomes include:

- Writes good quality code (logic) with sound syntax
- Develop effective user interfaces
- Test code and analyse results to correct errors found using either V-model manual testing and/or using unit testing
- Apply structured techniques to problem solving, debug code and understand the structure of programmes in order to identify and resolve issues
- Utilise skills to build, manage and deploy code into enterprise environments
- Operate at all stages of the software development lifecycle
- Interpret and follow software designs and functional/technical specifications
- Respond to the business environment and business issues related to software development
- How teams work effectively to produce software and contributes appropriately
- Logical and creative thinking skills
- Analytical and problem-solving skills
- Ability to work independently and to take responsibility
- Can use own initiative
- A thorough and organised approach
- Ability to work with a range of internal and external people
- Ability to communicate effectively in a variety of situations
- Maintain productive, professional and secure working environment

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## Paths to Mastery:

- HTML5 Web Component Fundamentals
- Oracle Java
- Oracle PL/sql



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# SOFTWARE TESTER – LEVEL 4

[Click Here to link to the course](#)

**Duration 15 Months**

The Level 4 Software Tester has been developed to play a significant role in testing that the delivery of your software operates as intended. Testers typically design and prepare test plans and conduct software testing as appropriate to ensure that software is fit for purpose. They document and report the results of testing activities. They have a good understanding of the software lifecycle and software development practices

Roles include Software Tester, Software Test Analyst

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## Key learning outcomes include:

- Software testing procedures on software applications (including desktop, web, mobile, embedded, mainframe) to ensure agreed errors and security issues are identified, recorded, prioritised and corrected before release.
  - Review software requirements and specifications for software functionality and security and defines comprehensive tests and conditions.
  - Design test strategies for non-complex projects.
  - Analyses test requirements and designs and prepares a test plan.
  - Designs and builds test cases, test scripts, and test procedures, with expected results.
  - Conducts a range of different software testing types
  - Presents and communicates results effectively using appropriate communication styles and media.
  - Operates the organisation's software testing tools effectively and follows procedures and techniques correctly.
  - Legislation and internal/external standards related to software testing and software security.
  - Operates within service level agreements
  - How to use and apply automated test tools.
  - The importance of accuracy and clear documentation of software tests.
  - Understands industry standard software development paradigms and methods (including. Object Oriented, procedural and agile) to conduct testing.
  - Set up and configure testing packages.
  - The role of software testing within the wider systems development life cycle.
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## Paths to Mastery:

- Agile testing methods
- Introduction to Cucumber



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# Software Apprenticeships ●

## Next Steps:

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