

# Diploma in Digital Technology: Software Development

SCQF Level 6

Skills  
Development  
Scotland



## Why choose GP Strategies Scottish Apprenticeships?

20+ years of experience in delivering modern apprenticeships

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Achievement rate 10% over the national average

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Consistently 'All Green with High Confidence' across our External Verification visits

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Effective remote delivery across the whole of Scotland

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Fully accredited with Qualification Scotland

## Employer benefits

Dedicated account manager with tailored consultation

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Unlock potential by creating an adaptive and resilient workforce

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Remote delivery providing flexible workplace options

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83% of employers say they have seen improved productivity

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79% of employers say this has boosted staff morale

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72% of employers say this has helped with staff retention

## Apprentice benefits

Earn while you learn

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Industry-recognised qualification

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Support and guidance throughout

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Enhanced career opportunities

# The role of a software development apprentice

This programme is ideal for individuals seeking to begin a career in software development or looking to upskill. We currently support candidates in roles including apprentice software developer, junior software tester, junior qa engineer and more.

Alongside their full-time development role, candidates work through the work-based diploma in Digital Technology: Software Development SCQF Level 6 over the course of approximately 12 months.

# Learning journey example

(This qualification includes 9 mandatory units)

- 1 Applying problem solving approaches
- 2 Producing documentation to support organisational process delivery
- 3 Defining requirements to support project delivery
- 4 Developing meta-skills and personal practice
- 5 Supporting software design
- 6 Contributing to implementing software development methodologies
- 7 Supporting software solution development
- 8 Providing support for deployed software solutions
- 9 Contributing to deploying software solutions



# Off-the-job training

Alongside core work-based training, software development apprentices can potentially gain access to instructor-led training.

We have the ability to enhance our programmes with additional vendor training at reduced rates compared to the RRP. This can be discussed with your account manager.

**Tailored packages can be created to suit your business requirements.**

# Evidence gathering

Apprentices are supported and guided by a dedicated assessor throughout the apprenticeship programme.



## Supporting software design

Candidates support the design of software components to meet software requirement specifications. This involves interpreting software requirements to support development of user stories and developing outline design approaches. This also includes applying standard design patterns to solve design problems and creating prototypes to demonstrate the proposed design approach.



## Contributing to implementing software development methodologies

Candidates adopt an organisation's selected software development methodologies, tools, and techniques to support software development activities. This involves applying the structured processes for developers to work together efficiently as a team using a common approach in line with organisational procedures, and contributing to estimation, configuration management, progress review, and documentation activities.



## Providing support for deployed software solutions

Candidates provide a customer-facing service to support users operating newly developed software applications, websites, and mobile applications. This involves helping users overcome issues, identifying and recording bugs in software, providing workarounds, and performing root cause analysis to resolve them.



## Developing meta-skills and personal practice

Candidates develop meta-skills and personal practice. This involves reflecting on and learning from practice, acting on feedback, and agreeing on and working towards personal objectives for continuous development. Candidates will be supported in their development, usually by their line manager.

These are just some of the topics that apprentices will work towards. Your assessor will help you create a tailored programme to suit your needs.

# Supplied by our partners

## e-Portfolio

Our online portfolio is OneFile, which is easily accessible from any device at any time. This tool helps you gather evidence to build your portfolio, track your progress, and view any upcoming appointments booked with your assessor. Stay up to date with your progress, ask questions, and expand your knowledge with the click of a button.

## Professional and Vendor qualification

GP Strategies Scotland is an approved apprenticeship provider with Skills Development Scotland and Qualification Scotland. Additional training opportunities are available.



Qualifications  
Scotland  
Approved Centre



# What happens next?

## Initial meeting

Establish customer requirement

Identify most suitable solution

## Set up

Complete formal agreements

Apprentice induction and initial assessment

Awarding body registration

## Programme commencement

Induction appointment with assessor

Candidate e-Portfolio assigned

First action plan created

## Support and feedback

Regular meetings with assessor, remotely through Microsoft Teams, telephone, and email

Quarterly updates with account manager

## Review and evaluation

13-week reviews are carried out with the manager, candidate, and assessor to reflect on progress, celebrate success, and discuss any issues.

## Celebrate success

Completion certificates sent to apprentice



# GP Strategies

SCOTTISH APPRENTICESHIPS™

If you would like any further information, contact:  
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GP Strategies Scottish Apprenticeships – committed to equality and valuing diversity.

