

## Degree Apprentice Software Developer (Level 6)



<b>Job role</b>	Apprentice Software Developer
<b>Skills attained</b>	Develops the higher level skills and behaviours required to create confident and capable digital and technology professionals
<b>Salary</b>	Starting salary £10,000 per annum + holiday
<b>Duration</b>	3-4 years
<b>Qualification/s received</b>	<ul style="list-style-type: none"> <li>● Either:             <ul style="list-style-type: none"> <li>○ BSc (Hons) in Digital and Technology Solutions, or</li> <li>○ BA (Hons) in Management Practice (with Chartered Management status)</li> </ul> </li> </ul>
<b>Training partner</b>	Open University

*Those with excellent Level 3 results (A level or equivalent) including a computing related subject that includes substantial elements of programming can take a direct route onto the Degree Apprentice Software Developer (Level 6) scheme without having to take the Level 3 scheme as a first step. If you don't meet these criteria apply for our Level 3 Apprentice role which includes substantial initial programming training.*

## Overview

Our Degree Apprentice Software Developer (Level 6) is targeted at new and existing employees who work in digital and technology roles. It's ideally suited for anyone looking to start a career in software development or those wanting to change to a career in the field. An award winning mix of on-the-job learning and classroom training means that you'll build valuable experience, earn a decent living and gain vital qualifications.

We recruit throughout the year for our Level 6 Apprenticeship. Our Apprentices specialise in either Software Development or Management Practice.

This is an entry level role that provides a great opportunity to develop digital and management skills while working on real-world projects in a technical role as a Software Developer. Apprentices get involved in a wide range of activities core to our business - including the design, development and support of web technologies with the addition of business and financial management and marketing and communications for those wishing to pursue the business track.

## The Job

We have high expectations for our Apprentices. Not only do you need to be clever, sociable and self-motivated, but from day one you'll be a key part of our production team and fundamental to the growth and success of the business.

Your role at Carbon Six Digital will include:

- working full-time on coding and programming
- working on software development projects and tasks
- actively writing code in at least one programming language
- working with, and connecting to, databases
- basic testing of code
- basic user interface design

We provide great induction and support during your initial weeks to get you started, so that you can get hands on and client-facing as soon as you and we have the confidence that you can make a difference.



## The Learning

Apprenticeships are a blended mix of on-the-job training and 8 weeks worth of classroom-based learning. While the main role of Software Developer will remain the same, you can choose to specialise in one of two programme tracks - Software Development or Management Practice.

<b>Software Development Track:</b>	<b>Management Practice Track:</b>
<p>The core topics covered are:</p> <ul style="list-style-type: none"><li>● Career development and employability</li><li>● Introduction to computing and information technology</li><li>● Computing technologies</li><li>● Change, strategy and projects at work</li><li>● Web technologies</li><li>● Object-oriented programming (OOP) with Java</li><li>● Service, project and requirements management</li><li>● IT systems: planning for success</li></ul>	<p>The core topics covered are:</p> <ul style="list-style-type: none"><li>● Introduction to business and management</li><li>● Effectiveness and integrity</li><li>● Shaping business opportunities</li><li>● Developing effective work relationships</li><li>● Strategic management</li><li>● Delivering results for the organisation</li></ul>

## The Rewards

Apprentices benefit in so many ways from the investment they make in their career. By the end of the programme you'll not only have gained experience in developing new products and services to increase productivity through digital technologies, but you'll also be able to identify and understand the end user of your software and assist development to ensure that it operates effectively and supports productivity.

On the management track, as a Chartered Manager, you will be able to take responsibility for people, projects, operations and/or services, to deliver long-term organisational success.

We're committed to the growth of our Apprentices, and that's why right from the start you'll be able to earn while you learn. From day one you'll receive a permanent contract, an annual starting salary of £10,000 and 28 days' holiday.

In addition, on successful completion of the programme, you will gain the following qualifications, either:

- BSc (Hons) in Digital and Technology Solutions, or
- BA (Hons) in Management Practice (in addition to Chartered Management status)



## Duration

The expected time for completion is 3-4 years. Not only will you come away with an industry recognised higher qualification but you will also have a full-time job providing a springboard for further development.

## Core Requirements

Those who have completed a Level 3 Apprenticeship in Software Development or other relevant Level 3 qualification can progress to the Level 6 Apprenticeship.

If you have excellent Level 3 results (A level or equivalent) including a computing related subject that includes substantial elements of programming you can take a direct route onto our Degree Apprentice Software Developer (Level 6) role without having to take the Level 3 scheme as a first step.

Candidates wishing to undertake this role must be able to demonstrate good analytical, creative and logical reasoning skills. An interest and enthusiasm for technology is essential.

The following prior qualifications must also be met:

- 5 GCSEs (or equivalent) in any subject at grades A-C
- GCSE Maths (or equivalent) at grade A-C
- GCSE English (or equivalent) at grade D or above
- not already hold a qualification at the same or higher level in a similar subject

## The Future

Our Degree Apprentice Software Developer (Level 6) role is an investment in the future. It's the beginning of a career in Software Engineering recognised by industry employers as a reliable first step.

The next step in our technical career path is a Masters Degree Apprenticeship (launching in September 2019) which could see you deepen your technical or management skills, gaining an MSc (Hons) Degree in Digital and Technology Solutions or an MBA (Hons) in Business and Administration Management from the Open University. All while continuing in a full-time job at Carbon Six Digital.



## Next Steps

If you're interested in starting your career in technology through the Level 6 Developer Apprenticeship at Carbon Six Digital we'd love to hear from you. Send your CV and a covering letter to [careers@carbonsix.digital](mailto:careers@carbonsix.digital) and we'll either invite you to a telephone interview as a first step or give you honest feedback on how to improve your chances.

## What Our Apprentices Say...

*"When coming to the end of my time at college, I was wanted to follow an Apprenticeship route to be able to get work experience and learn a degree alongside this. This is where I found Carbon Six Digital.*

*As soon as I walked through the door, I was pleasantly settled in and felt happy with the tasks I was being given. I was training for the first couple of months to get to a place where I could have a greater involvement on tasks. I worked on a number of internal projects producing websites with varying levels of difficulty.*

*Since then I've passed an Umbraco Cloud Developer training course and received a C-Trib Badge for my contributions to Umbraco Documentation. I've also had the chance to work on multiple areas of the industry where I previously lacked experience. With the support of my colleagues the transition has been easier than first expected.*

*I'd recommend the programme to anyone who is looking to get into the industry and unsure of their next steps on leaving formal education."*

