



Milestone 1

Week: 01
Onboarding & Induction

Learner completes induction meeting, receives an overview of the programme & an individual learning plan is created.

Workshop 1: Pre-reading materials
Discussed on Day one for learning**System Development lifecycle & Methodologies**

- ✓ Understand the main phases & activities SDCL & the range of software development methodologies & the roles within the software team

Workshop 2: Development of HTML

Milestone 2

Week: 02 - 06
Knowledge / Skills Gained**Workshop 2, 3, 4, 5 & 6: Development of HTML / JavaScript / CSS**

- ✓ Understand the basics for using HTML for: structure, layout, coding
- ✓ Use of CSS within a web-based product to use styles sheets for formatting
- ✓ The learn how to use basic JavaScript coding to create dynamic interactive elements within a web site



Milestone 3

Week: 07 - 08
Knowledge / Skills Gained**Workshop 7 & 8: Database Design**

- ✓ Understands the importance of linking software to databases
- ✓ Understand the difference between functional & non-functional requirements, normalisation & key features of databases & data stores, relational databases
- ✓ To know the requirements in order to create a database



Milestone 4

Week: 09 - 11
Knowledge / Skills Gained**Workshop 9, 10 & 11: Build a product using Python**

Work with coding:

- ✓ Environment
- ✓ Understand fundamental concepts
- ✓ Python keywords
- ✓ Understand Boolean, integer, strings etc

Create a product such as a game integrating Python with other skill set learned



Milestone 5

Week: 12
Knowledge / Skills Gained**Workshop 12: Microsoft Azure data fundamentals**

Module 1: Explore fundamentals of data

Module 2: Explore fundamentals of relational data in Azure

Module 3: Explore fundamentals of non-relational data in Azure

Module 4: Explore fundamentals of data analytics (optional as self-study)



Milestone 6

Week: 12
Achievement & certification

Outcome: Learner completes programme & receives certification.

The learner has the potential to progress onto a level 4 Software Developer Apprenticeship.

Junior Software Developer Job: Starting Salary 18-28K

Career Progression: Just IT help students get their 2nd & 3rd jobs - Keep in touch.

Support & guidance is offered throughout your career

