

Software developer

career pathway

Software Developer Apprentice

Typical requirements:
1 A-Level at C+, English and Maths GCSEs, programming abilities (C, Java, HTML5)

0 YEARS EXPERIENCE

£15,000 – £28,000

Graduate Software Engineer

Typical requirements:
Computer Science degree, Software engineering bootcamp or self-taught experience. Strong programming abilities (Java, C++, .NET, CSS, other)

0 YEARS EXPERIENCE

£22,500 – £40,000

Software Engineer, Developer

Typical requirements:
Coding languages depending on specialisation. Development techniques like Scrum or Agile.

2-5 YEARS EXPERIENCE POST-APPRENTICESHIP

£31,000 – 53,000+

Senior Software Developer

Typical requirements:
Deep knowledge of coding languages and development techniques.

5+ YEARS EXPERIENCE POST-APPRENTICESHIP

£45,000 – 120,000

Specialisations by function

Front-End: specialising in user interface, visuals and applications. HTML, CSS, JavaScript, JavaScript frameworks like React and Redux.

Back-End: specialises in databases, APIs and servers to power behind-the-scenes elements of websites and applications. Ruby, Python, SQL/MySQL, PHP.

Full Stack: can work on the back-end and front-end of applications. Knows coding languages for both.

DevOps: a generalist who knows code and software testing, oversees infrastructure and helps teams work together more effectively to build and maintain better software. PHP, Python, Ruby, Perl, C++, Java.

Specialisations by industry

Finance: SQL/NoSQL, JavaScript/TypeScript, React, OpenAPI, Solidity, Rust.

Gaming: Unity, Unreal Engine, C#, C++, Lua. Debugging and optimisation experience.

Tech: Java, C++, Python. HTML, CSS, JavaScript, HTTP

LinkedIn

Vacancies in London (Mar22):

8452

Forecast new vacancies in London to 2025 (per year):

9380



Good qualifications include:

Level 4 Software Developer apprenticeship

Software bootcamps: General Assembly, Makers, Le Wagon

Computer Science degrees (BSc, MSc)

Self-taught: Futurelearn, edx, freecodecamp

Training

Top employers

Finance:



BLACKROCK®

Gaming:



Tech:



ORACLE®



For more information

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