# Level 7 Software Engineering.

Aligned to the Level 7 Digital and Technology Solutions Specialist Apprenticeship, this programme is designed to meet the increasing demand for postgraduate qualifications for professionals working in software engineering. It aims to create a new generation of technology talent who could become confident leading professionals with the ability to operate across a range of technical roles. Suitable for employees who work in digital and technology roles, the programme develops the knowledge, understanding and skills for you to pursue and sustain a career in software engineering or technical test engineering, with a focus on leadership skills and critical thinking. The programme will give you the skills to operate in high level software engineering roles, driving growth in your organisation through new products, services and productivity by using digital technologies.
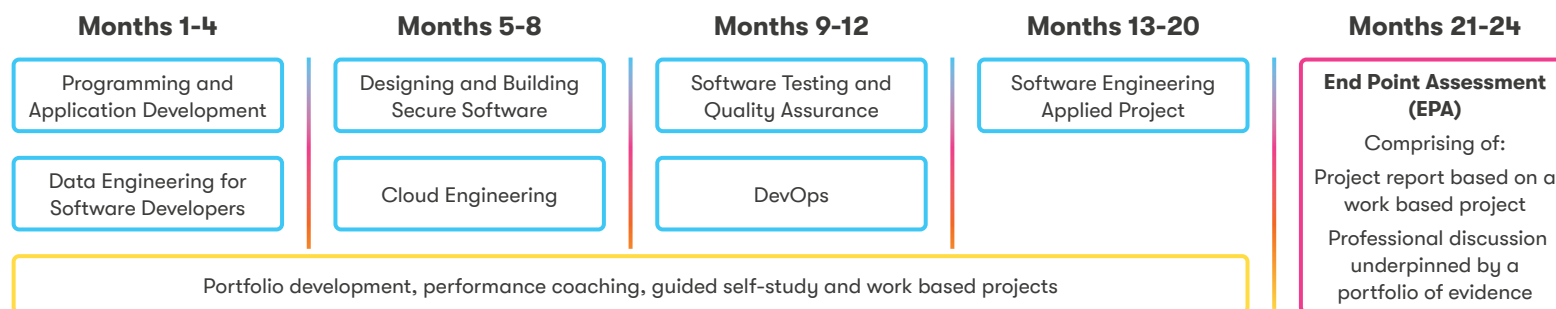
To apply for this programme you must be employed in a relevant role, and meet one of the following requirements:

- A minimum of a 2:1 Honours degree in a related subject (e.g. STEM) from a UK or recognised international university, or
- Applicants with less than the required level of academic qualification may be considered if they have significant work experience and/or a relevant professional qualification in the field of software engineering, and
- GCSEs with grades 9 to 4 (A* to C) in English and maths (or equivalent)

## Study mode
Online weekly: Flexible learning that fits to your schedule, with two to three hours of online live lectures and seminars.

## 24-month programme (inc. EPA)

| Months 1-4 | Months 5-8 | Months 9-12 | Months 13-20 | Months 21-24 |
|---|---|---|---|---|
| Programming and Application Development | Designing and Building Secure Software | Software Testing and Quality Assurance | Software Engineering Applied Project | **End Point Assessment (EPA)** |
| Data Engineering for Software Developers | Cloud Engineering | DevOps | | Comprising of: Project report based on a work based project — Professional discussion underpinned by a portfolio of evidence |
| Portfolio development, performance coaching, guided self-study and work based projects | | | | |

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**Structure and commitment**

**Module delivery: Online live**
Seven modules delivered weekly via online live lectures (*two or three hours per week*)

**Coaching: Online**
Performance Coaches to push you further, with six-weekly sessions to review your progress, give constructive feedback, support your studies and identify new challenges and opportunities (*one hour*)

**Guided self-study: Online on-demand**
Our Virtual Learning Platform provides you with 24/7 access to your materials, specialist insights and extra study support from wherever you are

**Work based projects**
Show day-one impact by completing workplace projects with new skills and knowledge that also count towards your portfolio of evidence for the End Point Assessment (EPA)

**Additional benefits**

- Programmes designed and delivered by expert tutors with industry experience
- Back-up from a multi-disciplinary performance team
- Market-leading online live learning experience
- Mentoring, networking and peer support through BPP Community, including our Student Ambassador Network
- Learning pathways built using a 'stretch and challenge' model by design
- Progression pathways that can take you from entry level to specialist expert