# How to Choose an App Developer**Job title:** App Developer

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| **Job title:** (Also known as App designer, mobile app developer, application developer) | App developers design and build mobile applications for PCs, mobile phones and tablets. |
| **Routes and Entry requirements:**  | **University**You could do a foundation degree, higher national diploma or degree in:* computer science
* software engineering
* computer applications development
* mathematics
* financial technology

You'll usually need:* 1 or 2 A levels, or equivalent, for a foundation degree or higher national diploma
* 2 to 3 A levels, or equivalent, for a degree

**Apprenticeship**You can complete a software developer higher apprenticeship.You may be able to do a creative digital design professional degree apprenticeship.To get onto an apprenticeship, you'll find it useful to have:* 4 or 5 GCSEs at grades 9 to 4 (A\* to C) and A levels, or equivalent, for a higher or degree apprenticeship

**Other routes**You may be able to apply for a place on a graduate training scheme with an IT company if you have a degree. These are often open to non-IT graduates as well as those with a computing qualification, where you start as a junior developer and get training on the job. |
| **Skills required:**  | You'll need:* maths knowledge for understanding programming
* the ability to write computer programs
* analytical thinking skills
* to be thorough and pay attention to detail
* the ability to come up with new ways of doing things
* knowledge of systems analysis and development
* complex problem-solving skills
* persistence and determination
* to have a thorough understanding of computer systems and applications
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| **What you'll do:**  | You may:* develop new apps or create 'mobile-friendly' versions of websites
* work with other developers, designers and copywriters
* design prototypes to suit client needs
* write or amend computer code
* test software, find faults and fix problems
* write accurate notes about the development process
* keep up to date with new technology trends and tools
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| **What you’ll earn:**  | £21,000 Starter *to* £55,000 Experienced |
| **Working hours, patterns and environment:** | * Typical hours 37 to 40 a week
* You could work between 9am - 5pm on a rota
* You could work in an office or at a client's business.
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| **Career path and progression:** | You could move into systems analysis, or be promoted to a senior app developer or applications project manager.You could also become self-employed, offering your services through contracting in most areas of the economy, for example business, finance, cyber security, telecommunications and healthcare. |