# 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 |
| **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 |
| **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. |
| **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. |