

Job Three: Software developer

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The responsibilities of a software developer is to design, build and test computer systems to help organisations and equipment to work more efficiently. They mainly work on information database programs that control robotic systems. Also cloud and mobile apps.

Many skills needed for working in this industry is a good knowledge in software and programming, to be a quick learner, to have a creative approach to problem solving, and to have excellent communication skills.

Many employees in this industry will need a HND degree or foundation degree. There are many subjects in this course and you would start with these; Computer Science, Information technology, Software engineering.

If you don't have the required degree it is still possible for the industry to place you under a graduate trainee scheme. Many employers still prefer they have experience in the field and with other subjects should they have good skills and can work well. So after they have a job secured they are still required to continue classes to keep their skills and knowledge up to date.

Many challenges in software development is working 37-40 hours a week, you might be asked to work overtime or weekends just to meet the requirements before the deadline is due.

You might be stuck in a small office and having to travel a lot to meet clients, or spending nights away from home to complete projects.

A famous software developer is Sergey Brin along side Larry Page are the founders of Google one of the world's most popular internet company. Sergey earned his bachelors degree in university. He also studied maths and computer science where he later got a PhD in computer science. He is in the world's top 20 richest people having a net worth of over 30 billion.