

references

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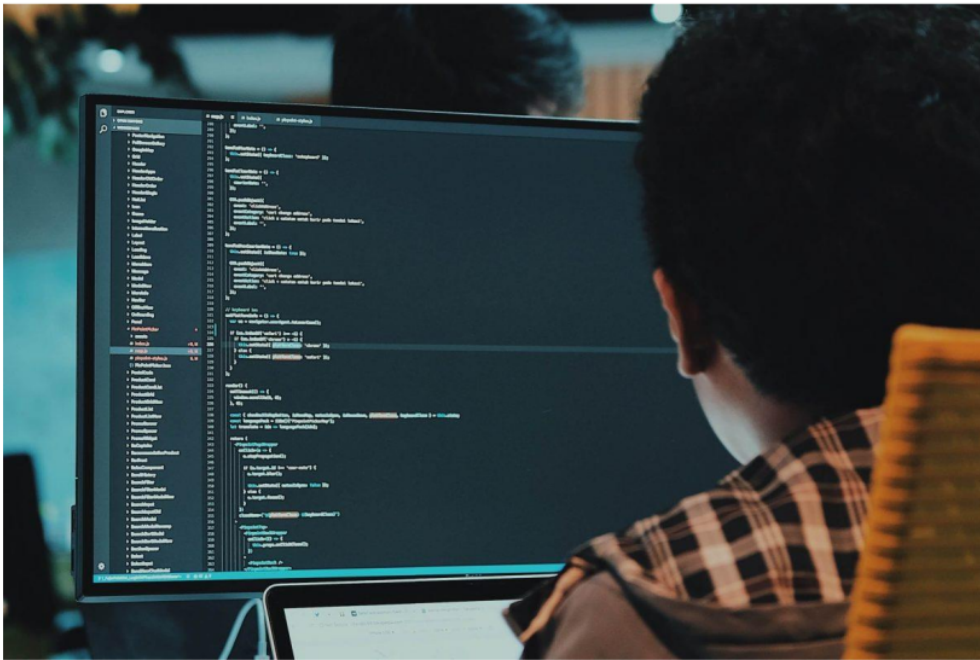
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DIVE INTO THE DIGITAL WORLD: Explore Careers in Web Development!



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Introduction

Bring ideas to life! Software developers use their coding skills to create the programs and apps we use every day. There are two main areas they specialize in: application software and systems software.

Application developers build the apps on your phone or the websites you browse. Systems developers, on the other hand, create the software that keeps businesses running smoothly.

No software is perfect! Developers are constantly testing and improving programs to make sure they work flawlessly for users. They're involved in the entire process, from building the initial program to fixing bugs and adding new features.

Collaboration is key! Developers work alongside other tech specialists to bring software to life. They share some tasks with software engineers, who focus on the bigger picture of the

system, while developers tackle specific problems and user needs.



Where do developers work? The possibilities are endless! They might be found in computer design firms, helping businesses create custom software. They could also work for banks, insurance companies, or even video game studios!

“Software developers design, create, and maintain software for applications and systems. There are two main types of software developers: application software developers and systems software developers.

Software developers typically work in the computer systems design industry. Other common employers include financial and insurance institutions, software publishers, and manufacturers. [1]

Education

While a degree isn't always mandatory, becoming a software engineer typically involves specialized training and some hands-on experience.

"You can become a software engineer without a degree, but you must have specialized training and relevant work experience. Education requirements for software engineer jobs vary". [2]

While a bachelor's degree is a traditional path to becoming a software engineer, there are other options available! Coding bootcamps and online courses can also equip you with the skills you need to break into the field.



"A bachelor's degree is the most common requirement for software engineering positions. A completed bachelor's degree demonstrates that you have received advanced training in software engineering." [3]

Skills and Knowledge

Web developers are tech wizards who bring websites to life! They use coding languages like HTML, CSS, and JavaScript to build the structure, style, and interactivity of a website. They also need problem-solving skills and an eye for detail to ensure everything works smoothly.

"You'll need:

- analytical thinking skills
- maths knowledge for understanding programming.
- to be thorough and pay attention to detail.
- the ability to come up with new ways of doing things.
- complex problem-solving skills
- excellent verbal communication skills for sharing ideas.
- persistence and determination.
- the ability to write computer programs.
- to have a thorough understanding of computer systems and applications." [4]



Benefits

Ideal for Remote Work

Unleash your potential from anywhere! Software developers enjoy flexible schedules and remote work opportunities, freeing them from commutes and allowing them to control their work-life balance.

"One of the best software developer benefits is that you can work from anywhere in the world. You get to choose your own hours and have flexible schedules. If you want to take a day off, you can do so without worrying about missing out on business opportunities. You also don't have to commute or put up with traffic jams every morning and evening." [5]



High Market Demand

Be in high demand! Software developers are a hot commodity, offering job security and the potential for a growing salary as your skills evolve.

"One of the benefits of being a software developer is that there's high demand for developers. This means that you'll have plenty of opportunities to find work, and if you're already employed, it's likely that your salary will increase over time as well." [5]



High Pay Salary

Skill up, get paid! Developers are in high demand, leading to competitive salaries and rewarding careers.

"A great software developer's salary and benefits are that software developers are paid well. They make a lot of money because of their valuable skill set and expertise. The demand for software developers is far greater than the supply that is available in the market, thus making them a sought-after commodity by companies." [5]



References

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- [4] Gov, [Online]. Available: <https://nationalcareers.service.gov.uk/job-profiles/software-developer>
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references

GRADEMARK REPORT

FINAL GRADE

53 / 100

GENERAL COMMENTS

POSTER (21%).

.

Poster
is well laid out and eye catching for a recruitment display.

.

Poster
has a clear heading, good eye catching images
and clear readable text covering
all the information that would be needed.

.

Referencing
the points in the text would have been desirable.

REPORT (14%).

.

Well
written and laid out report with cover page,
contents and bibliography.

.

Good
clear cover page with title, module and name, this
would have benefited from
student number as well.

.

Well
researched points, numbered correctly through
the text with good IEEE compliant
bibliography.

No evidence of 5 online courses (0%).

PRESENTATION (18%).

.

No
evidence of online courses in the presentation
(although it has been shown to
me).

.

Presentation
has a good title slide with heading and name
Number would have been better
included as well.

.

A
breakdown of the text to make it easier to read
would have been advantageous.

.

Good
critical evaluation of the module and of knowledge
gained, reasonably
articulated.

.

Nice
addition of a key takeaway.

.

Presentation
quite short, could have benefited from a slide
about knowledge before the
module.

Overall 53%

(Would have been 83% with evidence of courses)

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