

NOC:21232

Software Developer and Programmer



WHAT DO THEY DO?

Software Developers and Programmers create and refine the software that powers apps, systems, and platforms. They write code, test it to make sure it works correctly, and make updates to improve efficiency. Their work is crucial in developing new software and ensuring existing software runs smoothly.

THIS CAREER MIGHT BE FOR YOU IF YOU ARE:

Great for those who love coding, problem-solving, and working on a team. If you're creative, adaptable, and enjoy constantly learning new things, this field could be a perfect fit.

JOB TITLES IN THIS CATEGORY

- Animation Programmer
- Application Programmer
- Software Developer
- Software Development Project Manager
- Mobile Applications Developer

TASKS AND WORK ACTIVITIES:

- Design and write code for software
- Test and debug software to ensure functionality
- Collaborate with other developers and clients
- Maintain and update software to meet new requirement

TYPES OF EMPLOYERS

Software developers can find work in a variety of settings, including tech companies, IT consulting firms, and businesses with IT departments, among others.

EDUCATIONAL PATHWAYS

Typically requires a bachelor's degree in computer science or software engineering, though some positions may accept equivalent experience or education in a related field.

SALARY RANGES

(PROVIDED BY [LAMBERT NEMEC](#))

Entry	Mid	Senior
\$55K /yr	\$80K /yr	\$110K /yr

Explore your post-secondary options:

<https://techmanitoba.ca/careerlaunchpad/>

