



SOFTWARE ENGINEERS AND DESIGNERS

NOC 21231

Research, design, evaluate, integrate and maintain software applications, technical environments, operating systems, embedded software, information warehouses and telecommunications software.



3-YEAR OUTLOOK



Moderate

3-YEAR JOB OPENINGS

45

MEDIAN HOURLY WAGE

\$46.39

\$30.77 \$82.69
LOW HIGH

TYPICALLY REQUIRED



University

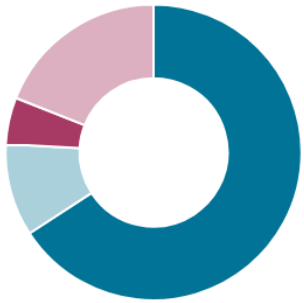
EMPLOYED

1,042

AVERAGE SALARY

\$98,000

The information presented is based on data for New Brunswick. To learn more about the data provided, visit www.nbjobs.ca/occupations.



EMPLOYMENT BY INDUSTRY

65.8%	Professional, scientific and technical services
10.1%	Information and cultural industries
5.1%	Finance and insurance
19.0%	All Other Industries



EMPLOYMENT BY AGE

9.5%	15-24
29.1%	25-34
34.8%	35-44
19.6%	45-54
7.0%	55-64
0.0%	65+

ALSO KNOWN AS

- Application Architect
- Computer Software Engineer
- Embedded Software Designer
- Embedded Software Engineer
- Software Architect
- Software Design Engineer

MAIN DUTIES:

This group performs some or all of the following duties:

- Collect and document users' requirements and develop logical and physical specifications
- Research, evaluate and synthesize technical information to design, develop and test computer-based systems including mobile applications
- Develop data, process and network models to optimize architecture and to evaluate the performance and reliability of designs
- Plan, design and coordinate the development, installation, integration and operation of computer-based systems including mobile applications.

