

JOB-SPECIFIC TRENDS (Regional, Provincial & National)

<p>TRY THIS FIRST:</p> <p>\</p> <ol style="list-style-type: none"> Go to https://www.jobbank.gc.ca/explorecareers.do Next to the <i>Job Bank</i> button, select Menu > <i>Explore the Market</i> > <i>Occupations</i> Type the name of your occupation in the <i>Occupation</i> box plus your postal code. If a drop-down list appears, click the most suitable occupation or address. Use each tab to complete this assignment. 	<p><u>If your occupation is not on the Job Bank site:</u></p> <ol style="list-style-type: none"> Go to www23.hrsdc.gc.ca Under the <i>Quick Search</i>, type the name of your occupation or the NOC. To the best of your abilities, answer as many sections below as possible:
---	---

My chosen occupation is	Full-Stack Web Programmer
--------------------------------	---------------------------

PART A: *SUMMARY* tab

In the space below, copy & paste the job description for someone in your occupation.

Web developers and programmers use a variety of programming languages to design, create and modify Web sites. They analyze users' needs to implement content, graphics, performance, and Web site capacity. They may also integrate Web sites with other computer applications. They are employed in computer software development firms, information technology consulting firms, information technology units throughout the private and public sectors, advertising agencies or they may be self-employed.

PART B: *DESCRIPTION* tab

List 5 "job duties" that are important to know for someone considering this occupation:

Develop, write, modify, integrate and test Web site related code and Web application interfaces
Conduct tests and analyze data to monitor quality, security, user interface experiences and to identify areas for improvement
Develop and implement procedures for ongoing Web site revision
Monitor and maintain Web site functionality
May participate in Web site architecture and design in collaboration with designers or clients

PART C: *WAGES* tab

REGION	WAGES \$/HR		
	LOW	MEDIUM	HIGH

Canada	21.63	38.46	60.90
Ontario	21.00	40.87	60.00
My Region	20.19	37.00	58.65

PART D: *PROSPECTS* tab

OUTLOOK (# stars)					
My Region	2	Ontario	2	Canada	3

Under the *PROSPECTS* tab, find the following:

Outlook in Ontario for the next 3 years (# stars)	2
<p>What are the main trends affecting employment in this field of work?</p> <p>The need for business operations to have a website to market products and services will create employment</p> <p>However, the pace of job growth may be affected by the availability of advanced software which is simplifying the steps in web development, as well as recent restructuring in the technology cluster globally</p>	

PART E: *JOBS* tab

# Available Jobs					
My Region	21	Ontario	22	Canada	81

Select “view job postings” for my region. Copy&Paste one job posting that appeals to you. Include the date it was posted.	full stack Web developer Posted on October 24, 2025 by Inorbital Inc.
---	--

PART F: *REQUIREMENTS* tab

State 3 important “employment requirements” for your occupation in your own words.

1.	Bachelors degree in computer science or computer programming
----	--

2.	Prior experience with computer programming and/or web development
3.	No third requirement is listed on the job bank

If your occupation is “regulated” (governed by a professional association), state the name of this Regulatory Body. If it is unregulated, put N/A.	N/A
--	-----

PART F: *SKILLS* tab

3 Skills/Knowledge/Expertise that I have	3 Skills/Knowledge/Expertise that I need to develop
Computer programming interest and experience	React (most common framework)
Backend development skills in Node.js, Deno, etc	Svelte/SvelteKit (best for personal experience)
Frontend development skills with Tailwind, Turbo (hotwired), etc	AGILE

After having investigated your chosen occupation:

1. Identify 2 things that you didn't know about your occupation before doing this assignment.

<ol style="list-style-type: none"> 1. Most companies stacks are ancient, and written with things such as Java, PHP, etc 2. There are way less full-stack web developer listings in the Toronto area than I anticipated
--


2. Has any of your research changed your mind about going into this occupation? Would you still consider going into this occupation? Explain why or why not? What attributes about the profession do you like or dislike?

<p>Absolutely. I have been learning web programming since 2020-2021, and I’m not stopping any time soon. Programming is my passion, and I want to get a job doing the thing I love.</p> <p>The good pay is a good bonus, and the teamwork aspect of this job is incredibly important to me. With programming, you will never get by if you don’t have collaboration skills.</p> <p>The required skills are quite insane for a “junior” position though - often 10+ technologies such as Angular, Microsoft SQL Server, Laravel, etc which are usually all in different programming languages. While polyglot programmers are becoming more common, they should not be expected for a junior position.</p>

3. What changes to the stability of this occupation might occur in the future as a result of the pandemic?

<ol style="list-style-type: none"> 1. Fewer positions, more applicants - The pandemic kept everyone inside quarantining, stuck at
--

their computers. This was perfect for people who wanted to finally break into the space, as they have all the resources to learn it and now they have the time to learn it.

2. AI destroying the market - From the time in the pandemic came ChatGPT, which has been proven to eliminate junior roles and increase the need for senior roles (Source:
 AI is ruining the job market ; [Generative AI as Seniority-Biased Technological Change: Evidence from U.S. Résumé and Job Posting Data; Canaries in the Coal Mine? Six Facts about the Recent Employment Effects of Artificial Intelligence](#))

Rubric

	Criteria	R	L1	L2	L3	L4
Knowledge / Understanding	<ul style="list-style-type: none">Thorough completion of required questions. Detailed responses Evidence of knowledge and understanding related to specific workplace information, terminology, skills, processes, techniques, practices and procedure.					
Communication	<ul style="list-style-type: none">Expression and organization of ideas and information (clarity of expression, logical organization, fluency)Appropriate communication for audience and purposeUse of writing conventions (spelling, grammar, punctuation) and vocabulary					