



Xtreme Talent Accelerator Program (XTAP)

AWS Developer Certification Program

OVERVIEW



10 Weeks



7-10 Hours/Week



AWS Developer
Certificate

More than ever, Ontario employers need tech professionals with cloud computing skills.

The Amazon Web Services (AWS) Developer Certification program will enable you to design and develop cloud-first and cloud-native applications using AWS principles and best practices. It prepares you to become an AWS Certified Developer, an industry-recognized credential that can supercharge your tech career.

WHO IS THIS FOR?

You're a software developer looking to get the skills you need to advance in your current organization.

Ideally, your professional background includes:

- 12+ months of experience in a role such as Systems Administrator, Network Administrator or Systems Architect
- Experience with Virtual Machines (VMs)

In addition, you understand TCP/IP networking, including routing and firewall concepts.

ELIGIBILITY

We invite you to apply if:

- You're a resident of Ontario, and
- You're 18 years or older, and
- You're a Canadian Citizen, Permanent Resident or Protected Person
- If you work in a full-time position, your employer is in Ontario and is willing to endorse your participation, including approving the time you will need to participate in the program. (For further details, see our [Information for Employers fact sheet](#)). If you are unemployed or working on a part-time basis, this eligibility requirement is not applicable to you.

This program requires a commitment of 7-10 hours per week. That time consists of roughly two hours per week during business hours to attend virtual live instructor-led sessions. Please note that you will be required to participate in live gamified JAM sessions with peers and instructors (that require six to eight full days (i.e., 9am – 5pm) throughout the program. The remaining hours include self-paced work such as group projects and reading assignments that you can complete during evenings and weekends.

WHAT YOU WILL LEARN

Designed and delivered by AWS, this skills development program offers innovative learning experiences, including live, virtual instructor-led sessions and AWS Jam sessions, games and challenges, as well as self-paced work. Instructors will be available during weekly office hours to address your specific questions and learning needs.

Along with the technical subjects, you will have access to personal career services and workshops in communication, networking and personal branding, offered by XTAP, to help you improve your soft skills and feel more equipped to advance within your current organization.

AWS Developer Certification

Your learning in this workshop will prepare you to:

- Design and develop cloud-first and cloud-native applications.
- Use best practices to design and develop applications with various AWS services.
- Apply security practices with AWS Identity and Access Management (IAM).
- Use the Amazon Simple Storage Service (S3) and Amazon DynamoDB.
- Build applications using AWS Lambda, Amazon API Gateway, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS) and AWS Step Functions.
- Understand Amazon Cognito User Pools and Federated Identities.
- Explain the role of Amazon ElastiCache
- Adopt a CI/CD pipeline to deploy applications from end-to-end on AWS.

EMPLOYMENT PREPARATION, ON-THE-JOB SKILLS, AND ETHICS AND EMPLOYEE ADVOCACY

These additional career services provided by XTAP cover:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Tech, EQ and You: Exploring and Understanding Emotional Intelligence in Tech | <input checked="" type="checkbox"/> Designing Your Professional Digital Presence |
| <input checked="" type="checkbox"/> Personality Assessments | <input checked="" type="checkbox"/> Time Management |
| <input checked="" type="checkbox"/> Virtual Interviewing Skills for Incumbents | <input checked="" type="checkbox"/> Employee Rights in the Workplace |

CAREER OUTLOOK

By the end of this program, you will have the upgraded skills that give you an opportunity to advance within your current organization. That can include:

- Access to new or more challenging — and rewarding — projects
- Increased responsibility for existing assignments
- Bringing new technical skills to your team
- Better compensation or a promotion

YOUR LEARNING PATH

A learning needs assessment will occur prior to the program's start date. Then, your path to certification will include:

- Fundamentals of the AWS Cloud
- An AWS Technical Essentials Day Event
- A Deeper Dive into AWS Cloud Fundamentals
- Cloud Development Fundamentals
- Developing on AWS with AWS Jam
- All About Containers
- Solutions Architect-Led Workshops
- All About Serverless
- Preparation for the Certification Exam

You can either complete the certification exam at the conclusion of the program or continue to study on your own for up to four weeks before taking your test.

DATES AND APPLICATION DEADLINES

October 18, 2021 – December 20, 2021
Application deadline: September 12, 2021

November 15, 2021 – January 31, 2022
Application deadline: September 24, 2021

January 10, 2022 – March 18, 2022
Application deadline: October 29, 2021



Ready to advance your career?

An application takes only 5–10 minutes to complete. Plus, you will be able to save it and return to finish it later.

[Apply Now](#)



investottawa.ca/xtreme-talent-accelerator



The Xtreme Talent Accelerator is made possible through the [SkillsAdvance Ontario \(SAO\) pilot project](#), with funding provided by the Government of Ontario, Ministry of Labour, Training and Skills Development.