

# Jawwad Khan

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## SUMMARY

Developer with 3 years of experience in process automation and software development. Worked on Data mining ETL tools, Cyber Security, LMS platforms, and API services. Skilled in software development, data analytics, cloud, and DevOps. Passionate about problem-solving and enhancing business processes.

## EMPLOYMENT/INTERNSHIP EXPERIENCE

**Technical IT Assistant |** **06/2024 – Present**  
Youth Justice Division, Ministry of Children, Community and Social Services | Toronto, ON

- Increased productivity by 20% through team collaboration and RPA solutions.
- Enhanced workflows creating detailed process maps, identifying pain points and performing risk management.
- Consulted on automation and gen-AI software to improve business processes.
- Modernized training introducing iPads to program, reducing annual paper expenses by \$8,000.

**Software Developer** **01/2022 – 06/2024**  
Avasta Inc. | Toronto, ON (<https://www.avasta.co/>)

- Constructed data mining applications, reducing data cluster process time by 22%.
- Resolved technical issues and incorporated user feedback.
- Developed documentation standards for testing data integrity and security.
- Increased Microsoft Secure Score by 32% through Azure policy setups.

**Application Developer (Co-op)** **05/2021 – 09/2021**  
Cyber Security Division, Ministry of Public & Business Service Delivery Procurement | Toronto, ON

- Developed Cyber Security learning materials with custom JavaScript puzzles.
- Conducted usability testing and implemented responsive design in Moodle LMS, increasing user engagement by 26%.
- Conducted technical reviews of system performance and suggested operational improvements
- Set up automated deployment via CI/CD practices.

**Technology Analyst (Co-op)** **10/2020 – 05/2021**  
Strategy and Innovation Branch, Royal Canadian Mounted Police | Ottawa, ON

- Reviewed technical reports on API security best practices.
- Used DevOps practices for AWS Cloud Migration
- Improved API call speed by 13% and tested API scalability with Docker and Kubernetes.

## PROJECTS

### Fitness Social Media App

- Developed fitness social media app with Firebase back-end, Rest APIs & Automated deployment

### Portfolio Site

- Created portfolio website using React and NextJS, deployed with Vercel, Cloudflare for reverse proxy

## EDUCATION

**Bachelor of Science – B.Sc., Computer Science** **09/2018 – 06/2023**  
Toronto Metropolitan University (formerly Ryerson) – Toronto, Ontario, Canada  
*Related Coursework:* Data Science, Artificial Intelligence, Data Structures, Algorithms, Software Engineering

## CERTIFICATIONS

**Certification, Microsoft Certified: Azure Administrator Associate (AZ-104)** **09/2023**

## SKILLS

**Languages:** Python, Java, C/C++, SQL, JavaScript, HTML, CSS, R

**Tools:** Microsoft Azure, AWS, MySQL, Docker, Kubernetes, GitHub, Jenkins, PowerBI