

SHAAN KOHLI

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Education

Toronto Metropolitan University (Toronto, ON) – Bachelor of Science in Computer Science

May 2025

Summary of Skills

Programming Languages: Java, Python, C/C++/C#, SQL, JavaScript, HTML/CSS, VBA, Bash, Elixir, Rust

Frameworks and Tools: .NET, React, Node.js, MongoDB, AngularJS

Interpersonal Skills: Team Building, Adaptability, Organization, Strong Work Ethic, Leadership, Strategic Thinking

Topics of Interest: Software Development, Data Science, Object-Oriented Programming, Artificial Intelligence, Machine Learning, Cloud Computing, Data Analytics, DevOps, Blockchain, Virtual Reality

Work Experience

Software Developer

Devant – London, ON (Remote)

May 2025 – Present

- Developed and deployed 10+ Python scripts to automate data processing workflows, transform large datasets, and integrate them with REST APIs for high-accuracy data retrieval
- Integrated 5+ APIs and connected cloud/database sources to build automated, reliable reporting pipelines
- Built and optimized interactive dashboards in Power BI using DAX and Power Query to deliver actionable insights

Software Engineer Intern, Student

FGF Brands – Toronto, ON

June 2024 – May 2025

- Created 15+ mobile-friendly APIs using .NET for a web application supporting bakeries in managing 1,000+ assets, customer interactions, inventory, and orders
- Leveraged Kendo UI to develop 20+ interactive front-end features, including data grids, dropdowns, and date pickers, enhancing functionality across 50+ forms
- Engineered 10+ custom controls and tailored features to address unique business needs, streamlining workflows for teams across 100+ daily operations; leveraged Power BI for visualizing key performance metrics
- Automated 15+ pen and paper workflows through Playwright, enhancing operational efficiency and reducing human error

.NET Software Developer, Student

FGF Brands – Toronto, ON

May 2023 – December 2023

- Utilized ASP.NET and SQL Server Management Studio to introduce over 15 features based on business requirements, improving planning efficiency, and user experience across 12 bakeries
- Leveraged C#, SQL Server, and Azure DevOps to integrate over 25 time zone features, aligning scheduling data with regional time zones for accurate, efficient operations in bakeries across Canada and the United States
- Transformed the user interface of a live video wall application using AngularJS, implementing advanced filtering features that enhanced real-time monitoring and improved analytical capabilities for over 50 daily users

Programmer, Student

Toronto Transit Commission – Toronto, ON

May 2022 – August 2022

- Created an efficient Microsoft Visual Basic application to facilitate seamless transitions for data centre personnel, improving onboarding processes and ensuring smooth data center operations
- Added 15+ features to TTC web pages using ASP.NET, streamlining maintenance and mainframe operations

Projects

StockFlow

November 2024 – December 2024

- Developed "StockFlow," a full-stack inventory management system leveraging real-time tracking and machine learning-powered forecasting to reduce stock shortages by 25%
- Created responsive dashboards and integrated Microsoft Teams alerts, processing 10,000+ records and automating 100+ monthly invoices using React, Pandas, and FastAPI

TorontoMicro

February 2023 – April 2023

- Developed a web app using HTML, jQuery, MySQL, and PHP for an eco-friendly store, streamlining order processing and reducing environmental impact
- Created a Single Page Application (SPA) with AngularJS, consolidating the entire user experience on a single page

Certifications

Microsoft Power Platform Fundamentals Certification – Microsoft (Earned: January, 2025)

Microsoft Azure AI Fundamentals Certification - Microsoft (Earned: February, 2025)

AWS Certified Cloud Practitioner Certification - Amazon Web Services (Earned: June, 2025)