

# KHALID TAHIR

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[khalidtahir.com](http://khalidtahir.com) | [khalid.h.tahir@gmail.com](mailto:khalid.h.tahir@gmail.com) | (647) 922-5401 | [LinkedIn](#) | [GitHub](#)

## RELEVANT EXPERIENCE

<b>Part-Time Developer</b> , Queen's University IT Services	Sep 2025 – Present
<ul style="list-style-type: none"><li>Brought back part-time by the <b>Information Security</b> Office to lead web development for a new <b>Cybersecurity Hub</b> initiative</li><li><b>Developing site architecture</b> for SharePoint using <b>C#/SPFx</b>, including user-based redirect logic for students, staff and faculty</li><li>Assisting with <b>UI/UX design</b> of the hub, including layout navigation and content structure to align with university branding</li><li>Optimized <b>authentication and navigation logic</b> to enhance performance and maintain security compliance across user tiers.</li></ul>	

<b>Project Manager/Platform Developer Intern</b> , Queen's University IT Services	May 2024 – Aug 2025
<ul style="list-style-type: none"><li><b>Engineered and deployed</b> a fully automated operating plan management system using Power Automate, Power BI, Forms, and SharePoint —reducing project intake processing from <b>4–5 months to under 4 weeks</b> and earning recognition from the CIO for the fastest annual planning cycle in department history.</li><li><b>Developed and customized</b> Power BI dashboards for executives, directors, and project managers, enabling real-time tracking of <b>300+ projects</b> by status, completion forecasts, overdue items alerts, with separate internal and external reporting views.</li><li><b>Designed and implemented</b> a searchable Lessons Learned Repository, replacing a static Excel-based process with a dynamic SharePoint list and automated submission flow, improving accessibility and project knowledge reuse across the department.</li><li><b>Developed and maintained</b> automated workflow systems, ensuring reliability and scalability across departments</li><li><b>Built and optimized</b> Azure DevOps dashboards using analytics widgets, work item queries, and iteration tracking to provide leadership with real-time sprint health and delivery metrics.</li><li><b>Supported Agile delivery</b> of a university-wide ECRM implementation, including sprint planning, backlog refinement, RAID tracking, retrospectives, and stakeholder communications, serving as primary liaison between internal teams and external consultants.</li><li><b>Conducted user acceptance training (UAT)</b> for Salesforce enhancements, including an international student applicant portal and a Salesforce Einstein chatbot, identifying and resolving issues before launch to improve user experience.</li></ul>	

## EDUCATION

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<b>Bachelor of Applied Science in Computer Engineering</b> , Queen's University	Sep 2021 – May 2026
<ul style="list-style-type: none"><li><b>Specialization:</b> Software Engineering – Option in Artificial Intelligence &amp; Computer Systems</li><li><b>Capstone (Ongoing) – RN Sync:</b> Designed and tested an iOS-based ICU data hub integrating multiple sensor streams in real time, focusing on synchronization accuracy and system reliability.</li><li><b>Relevant Coursework:</b> Machine &amp; Deep Learning, Artificial Intelligence, Data Structures and Algorithms, Object Oriented Programming, Computer Vision, Cryptography &amp; Network Security, Database Management, Distributed Systems</li><li><b>Extracurricular Activities:</b> Hyperloop Design Team Technical Engineer, Queen's Rugby Varsity Club Player</li><li><b>Awards:</b> Queen's Excellence Scholarship, Student Spotlight Award</li></ul>	

## TECHNICAL KNOWLEDGE

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<b>Programming:</b> C#, Python, JavaScript/TypeScript, C++, C, SQL
<b>Frameworks &amp; Libraries:</b> React, TensorFlow, ASP.NET (familiar), Spring Boot (familiar), Next.js, REST API, PyTorch
<b>Developer Tools:</b> Git, GitHub, Docker, Node.js, VS Code, Azure DevOps, Vercel, AWS, Cursor
<b>Databases &amp; Cloud:</b> SQL Server, PostgreSQL, SharePoint
<b>Data &amp; Automation Tools:</b> Power BI (DAX, data modeling), Power Automate, Microsoft Forms
<b>Spoken Languages:</b> English (Distinguished), Arabic (Distinguished), French (Intermediate)

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