KHALID TAHIR

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RELEVANT EXPERIENCE

Part-Time Developer, Queen's University IT Services · **Sep 2025 – Present**

- Brought back part-time by the **Information Security** Office to lead web development for a new **internal Cybersecurity Hub** initiative
- **Designing site architecture** for SharePoint using **SPFx**, including user-based redirect logic for students, staff and faculty
- Assisting with **UI/UX design** of the hub, including layout navigation and content structure to align with university branding

Project Manager/Platform Developer Intern, Queen's University IT Services · **May 2024 – Aug 2025**

- **Developed and deployed** a fully automated operating plan management system using Power Automate, Power BI, Forms, and SharePoint —reducing project intake processing from **4–5 months to under 4 weeks** and earning recognition from the CIO for the fastest annual planning cycle in department history.
- **Developed and customized** Power BI dashboards for executives, directors, and project managers, enabling real-time tracking of **300+ projects** by status, completion forecasts, and overdue items, with separate internal and external reporting views.
- **Designed and implemented** 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.
- **Owned deployment and monitoring** of automated workflow systems, ensuring reliability and scalability across departments
- **Built and maintained** Azure DevOps dashboards using analytics widgets, work item queries, and iteration tracking to provide leadership with real-time sprint health and delivery metrics.
- **Coordinated Agile project activities** for 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.
- **Performed UAT** for Salesforce enhancements, including an international student applicant portal and a Salesforce Einstein chatbot, identifying and resolving issues before launch to improve user experience.

Technical Engineer, Queen's Hyperloop Design Team · **Sep 2023 – May 2024**

- Contributed to the **design and testing** of hyperloop braking systems, ensuring optimal performance, safety compliance, and seamless integration into the vehicle.

EDUCATION

Bachelor of Applied Science in Computer Engineering, Queen's University · **Sep 2021 – May 2026**

- **Specialization:** Software Engineering – Option in Artificial Intelligence & Computer Systems
- **Relevant Coursework:** Machine & Deep Learning, Artificial Intelligence, Data Structures and Algorithms, Object Oriented Programming, Computer Vision, Cryptography & Network Security, Database Management, Distributed Systems
- **Extracurricular Activities:** Hyperloop Design Team Technical Engineer, Queen's Rugby Varsity Club Player
- **Awards:** Queen's Excellence Scholarship, Student Spotlight Award

TECHNICAL KNOWLEDGE

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