

ABDULLAH KHAN

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EDUCATION

Wilfrid Laurier University + University of Waterloo (Double Degree) <i>Bachelor of Business Administration (BBA) + Bachelor of Computer Science (BCS)</i>	Waterloo, ON Expected 2029
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EXPERIENCE

Software Developer <i>PixelsBoost</i>	Milton, ON Sep. 2025 – Dec. 2025
<ul style="list-style-type: none">Delivered 5 full-stack client websites to production serving 2,000+ monthly users, integrating Stripe for payment processing (\$15K+ monthly transactions), Google Maps, and SendGrid email automation while keeping 99.5% uptime.Boosted website performance by 42% through image optimization and CDN implementation, improving Google Lighthouse scores from 68 to 87 and reducing bounce rate by 18%, directly impacting client revenue and retention.	
Software Engineering Intern <i>Fast Webs</i>	Missouri, USA (Remote) May 2024 – Aug. 2024
<ul style="list-style-type: none">Engineered 12 production UI components across 3 web applications including checkout flows and dashboards, reducing bundle size by 120KB through code splitting and lazy loading to achieve a 35% performance improvement.Built behavioral event tracking system stored in PostgreSQL to capture user interaction data, enabling the product team to identify and action 3 UX improvements; delivered 18 tickets across 12 Agile sprints with 100% sprint completion rate.	

PROJECTS

Attack Surface Growth Simulator (ASGS) [GitHub] Python, React, FastAPI, SQLAlchemy, NumPy, SQLite, Recharts, Pydantic	
<ul style="list-style-type: none">Built full-stack security risk modeling tool calculating attack surface scores (0–100) across 5 threat categories by normalizing system metrics including endpoints, users, and MFA adoption, generating ranked driver breakdowns with actionable recommendations to support executive resource allocation and strategic decision-making.	

LEADERSHIP & COMMUNITY INVOLVEMENT

Business Strategy Case Competition – 2nd Place <i>Wilfrid Laurier University, BU111</i>	Waterloo, ON Nov. 2025
<ul style="list-style-type: none">Developed mobile app revamp strategy for Cineplex targeting 25,000+ incremental monthly visits through AI personalization and gamified promotions; led team of 5 analyzing Canada's \$2.1B theatre industry for 57% market leader, identifying youth disengagement as key growth lever.Designed recommendation combining push notifications and QR-code rewards projected to generate \$120K NPV and 26,254 additional monthly visitors through behavioral nudges and habit formation loops.	
Lead Event Organizer <i>University of Waterloo, Muslim Students' Association</i>	Waterloo, ON Sep. 2025 – Present
<ul style="list-style-type: none">Plan and execute campus events for 200+ attendees end-to-end, managing venue logistics, vendor negotiations, promotional campaigns, and day-of operations across multiple concurrent events each semester.	
Vice President, Chair Club <i>Bishop P. F. Reding Catholic Secondary School</i>	Milton, ON Sep. 2023 – Jun. 2024
<ul style="list-style-type: none">Led 150+ volunteers across 15+ events with budgets totaling \$8K+; grew student engagement by 40% through strategic event planning, targeted marketing, and cross-functional partnerships with administration.	
Community Volunteer <i>HIWT, Milton Magic, ICCM (Milton), Best Buddies Canada, Mass Foundation (Gaza Food Bank)</i>	Multiple Locations May 2020 – Present
<ul style="list-style-type: none">1,000+ hours across food distribution, youth soccer coaching, Islamic community support, and peer mentorship.	

SKILLS & AWARDS

Business: Financial Analysis, Market Research, Strategic Planning, Data Visualization, Excel, Power BI, Tableau, PowerPoint, Project Management, Stakeholder Communication, Team Collaboration	
Technical: Python, JavaScript, TypeScript, SQL, React, Node.js, FastAPI, PostgreSQL, APIs, Git/GitHub, Docker, Pandas, NumPy	
Awards: NASA Space Apps Challenge – Galactic Problem Solver (2023) Honour Roll – All Four Years of High School	