

ABDULLAH OMAR

Toronto, Ontario

📞 +1 905-226-6993

✉ abdullahom07@gmail.com

🐙 github.com/abdullahomarr

🌐 linkedin.com/in/abdullahomarr

EDUCATION

University of Toronto

Bachelor of Science (BS), Computer Science

Expected 2029

Toronto, Ontario

EXPERIENCE

Pyko Canada Ltd

June 2025 – Present

Founding Engineer | *Python, TypeScript, FastAPI, MongoDB Atlas, AWS*

Toronto, Ontario

- Led a **6-person engineering team** to deliver academic planning features for a **500-user beta cohort** through sprint planning and code reviews.
- Built a **full-stack grade forecasting system used by 200+ students** to compare course outcomes and calculate the assignment scores needed to reach a target grade.
- Built an OAuth 2.0 **Canvas LMS integration** that reduced assignment setup time by an **estimated 58% versus manual entry** for a 10-course onboarding import.
- Led a **mobile usability overhaul across 4 core product areas**, resolving layout and touch issues that hindered students on smaller screens.
- Built an **assignment planning view** that shows students how an assessment affects their final grade and what preparation they need to complete.

Dazia Consulting

May 2026 – July 2026

Software Engineering Intern (Contract) | *React, JavaScript, Vite, Supabase*

Toronto, Ontario

- Built an **internal analytics platform tracking 10+ metrics**, giving leadership a centralized view of product usage, AI costs, and business performance.
- Expanded exams and flashcards to draw from **multiple textbooks per course**, removing the study workflow's single-book restriction.
- Rebuilt **8+ FinanceBuddy screens** with reusable UI components and animation patterns to create a consistent experience across core workflows.
- Developed **interactive onboarding for 4 study tools**, letting users practice key workflows without consuming LLM calls or user credits.

PROJECTS / EXTRACURRICULAR EXPERIENCE

Football Intelligence🔗

October 2026

Full-stack Data Platform | *Python, TypeScript, FastAPI, PostgreSQL, dbt, Next.js, Docker*

Toronto, Ontario

- Built a recruitment platform that transforms **11.7M match events into 14,700+ player profiles**, helping scouts compare transfer targets through visualizations and scouting reports.
- Developed **position-adjusted player similarity** using statistical percentiles and weighted playing styles, comparing players against peers with 900+ minutes.
- Built a **squad explorer covering 96 top-five-league clubs** that identifies cross-league upgrades while preserving the strengths of the player being replaced.

Strive🔗

September 2026

Hackathon Project (EmberHacks) | *Python, JavaScript, FastAPI, Gemini, Supabase, Tauri*

Toronto, Ontario

- Built an **AI math notebook** that detects mistakes in handwritten calculus and proofs, guiding students toward solutions with personalized Socratic hints.
- Developed **practice-history diagnostics** that assess mastery and identify recurring mistakes, giving students specific guidance on what to improve.

PakUni

January 2026

Full-stack Project | *Python, JavaScript, FastAPI, MongoDB*

Toronto, Ontario

- Built a **centralized admissions MVP** that lets applicants apply to multiple university programs through one reusable profile.
- Designed reusable profiles and a document locker, reducing duplicated admissions data entry by **approximately 78% across 5 applications**.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, C++

Frontend: React.js, Next.js, Vite, Tailwind CSS, HTML, CSS

Backend & Databases: FastAPI, REST APIs, PostgreSQL, MongoDB, MongoDB Atlas, Supabase

Data: dbt, data modeling, ETL pipelines, statistical modeling

AI: LLM agents, Gemini API, tool/function calling, workflow automation, structured outputs

Developer Tools: Git, GitHub, GitHub Actions, Docker, AWS, Vercel, Tauri, Figma