

Emaad Qazi

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Education

Wilfrid Laurier University

Honours Bachelor of Science in Computer Science

Honours Bachelor of Business Administration

Waterloo, Ontario

September 2023 – April 2028

September 2023 – April 2028

Technical Skills

Languages: Python, Java, JavaScript, Typescript, C, HTML5, CSS3, SQL, VBA, Swift, Go, Rust

Frameworks/Deployment: React, Node.js, Express.js, Flask, MongoDB, Git, GitHub, Vercel, Railway, Firebase, Postman, Supabase

Cloud/DevOps: AWS (EC2, S3, Lambda), Azure, Docker, Kubernetes, CI/CD, Snowflake, Terraform, Apache Kafka, Databricks

Work Experience

Samsung Canada

Supply Chain Analyst Co-op

Mississauga, Ontario

May 2025 – Present

- Built unified inventory tracking system using **MySQL** queries and **VBA automation** to connect **12,000+ materials** with **1,500+ containers**, eliminating **100% of manual database lookups** and reducing **data retrieval time by 60%**
- Developed automated cross-shipping logic system using **Excel VBA** and **Power Query** to process **5,000+ data entries**, reducing manual work by **120+ hours monthly** for Supply Chain team and improving file **efficiency by 23%**
- Automated inventory forecasting reports using **VBA** across Consumer Electronics divisions doing **\$350M in revenue per month**, reducing **manual report generation time by 40%** and **streamlining reporting processes**

Apple Canada (Information Communication Technology SHSM)

Application Developer Student Co-op

Milton, Ontario

December 2021 – February 2022

- Developed a **fitness app prototype, LiftEats**, using **Swift** and **Xcode** to create **activity tracking metrics with 81% accuracy**, personalized workout recommendations, and integrated nutritional tracking system
- Delivered a **presentation to Apple Canada representatives** with an audience of over **500 attendees**, articulating app functionality and business impact to support product positioning and marketability initiatives

Laurier Supply Chain Association

Vice President of Software Development

Waterloo, Ontario

May 2025 – Present

- Building **full-stack LSCA platform** using **React/JavaScript frontend** and **Node.js/MongoDB backend** to enable **500+ attendees** to register seamlessly per event, featuring **real-time scheduling synchronization** and **email notifications**
- Creating **intelligent LSCA chatbot** with **Gemini API** and **Express.js backend** integrated with **React frontend** to deliver **24/7 automated responses** for event logistics and inquiries, cutting **manual support requests by 60%**

Laurier Computing Society

Technical Content Writer

Waterloo, Ontario

January 2025 - Present

- Led **exam prep workshops for over 200+ first year CS students**, covering **Python fundamentals** and **DSA concepts**
- Delivered **live coding demonstrations** to simplify complex topics and improve **final exam readiness**

Projects

[FitQuest](#) | 2nd place Spurbhacks - \$2500 cash prize, 190+ teams

MERN | Railway | MongoDB | Gemini | MediaPipe

- Designed & deployed a full-stack fitness platform featuring **MediaPipe-based computer vision** for form tracking & custom generative AI chatbots via **Gemini API**, earning **\$2500** and **finishing 2nd place out of 190 teams** (450+ competitors)
- Collaborated with 2 team members using **GitHub for version control** and code integration to build out **secure user authentication**, social features, sprite customization, activity tracking dashboard, and an **RPG themed UI**

[Mindful Harmony](#) | Full stack Gen AI Web Application.

MongoDB | Flask | React | Spotify API | Gemini | Typescript

- Deployed and collaborated with 3 other developers to build a responsive frontend using **React**, **Typescript**, & **Tailwind CSS**
- Engineered **Flask-based backend** architecture integrating **Spotify** and **Gemini APIs** to deliver personalized playlist generation and AI-powered journaling capabilities, **leveraging MongoDB data storage** to personalization

[Fitness Tracker](#) | Full Stack Web Application

CI/CD | GitHub Actions | Flask | SQL | Supabase | Railway

- Deployed a Full-Stack Fitness Web Application with **Flask backend** using **SQLite database & secure user authentication**
- Integrated Supabase for cloud database management** and **real-time data synchronization** with user-specific media uploads, deployed with **Railway** with automated **CI/CD pipelines via GitHub Actions** for optimized development workflow