Emaad Qazi

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Education

Wilfrid Laurier University **Waterloo, Ontario**
Double Degree Bachelor of Business Administration (BBA) and Bachelor of Science in Computer Science (BSc) *Summer 2029*

Technical Skills

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

IBM **Markham, Ontario**
Software Engineer Intern *May 2026 – September 2027*
- Incoming Summer 2026

Mattamy Homes **Mississauga, Ontario**
Data Analytics Co-op *January 2026 – April 2026*
- Incoming Winter 2026

Samsung **Mississauga, Ontario**
Software Analytics Co-op *May 2025 – August 2025*
- 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 (ICT SHSM) **Toronto, Ontario**
Software Engineer Intern 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 & marketability initiatives during an 8-minute Q&A

Laurier Supply Chain Association **Waterloo, Ontario**
Software Engineer *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 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%**

Projects

FitQuest | *2nd place Spurhacks - $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