**Hamza Azim**

**Computer Science Student | Software Developer | Data Scientist** Waterdown, ON **** 905-875-6918 **** hamzaazim09@gmail.com

**Education**

**Wilfred Laurier University** Waterloo, ON

**Bachelor of Science (B.SC.) – Computer Science** Sept 2022 – Apr 2026

**Languages:** Python, C#, Java, SQL, JavaScript, HTML/CSS

**Skills**

* Proficient in using **SQL** and **Python** for **data extraction**, **transformation**, and **analysis**.
* Familiarity with **Machine Learning** algorithms and their application in developing predictive models.
* Strong **communication** skills to articulate complex technical concepts to both **technical** and **non-technical** stakeholders.
* Ability to **mine large datasets**, **identify patterns** and derive meaningful insights to inform business decisions.

**Professional Experience**

**Software Engineer Intern –** Full TimeMississauga, ON

AKHNY SOLUTIONS July 2023 – Sept 2023

* Applied **SQL** and **Python** skills to interact with AKHNY’s extensive big data environment, managing and analyzing **over 50 thousand** real estate data records daily from cities worldwide.
* Evaluated innovative data sources and skillfully implemented procedures to continuously monitor model performance and accuracy, steadfastly ensuring the consistent maintenance of **high-quality data-driven solutions.**
* Demonstrated leadership in **Full Stack Development** by overseeing end-to-end web application development. Skillfully utilized front-end technologies (HTML, CSS, JavaScript, React) and back-end tools (Node.js, Express)

**Engineering Student –** Part TimeCambridge, ON

Almvoy Sept 2022 – July 2023

* Diligently supported post-award compliance efforts by closely monitoring supplier performance across cost, schedule, technical specifications, and policy adherence. Employed strong **VB.NET, SQL Server, and C#** development and support experience to **enhance data tracking systems**.
* Applied my **Microsoft SQL Server** and **SSIS** expertise to extract, transform, and load data for comprehensive market analysis, contributing to decisions.
* Assisted project teams by staying informed about industry trends and supplier capabilities.

**Projects**

**Full stack Developer** Sept 2023 – Present

InternSync

* Implemented **SQL** **queries** to fetch and display real-time data on the web interface, providing users with **up-to-date information** and insights.
* **Collaborated** across functions to integrate third-party services, prioritize security, and align development with user-centric design principles, driving product **innovation** and growth in the dynamic startup environment.
* Thrived in agile teams, rapidly prototyping and iterating features to align with **user feedback**. Contributed to scalable architecture, **streamlined deployments**, and optimized performance for enhanced user experiences.

**Web Developer** November 2023 – Present

Instaboothgta

* Utilized **Python** to develop **interactive features** that allowed users to dynamically interact with the web application.
* Utilized front-end technologies, including **HTML, CSS, JavaScript**, and **React**, to design and implement a **user-friendly** interface that enhanced the overall user experience.
* Incorporated **user feedback** into the dashboard design, ensuring a user-centric approach and enhancing overall **usability**.

**Java Banking Application** May 2022 – June 2022

* Utilized Designed and developed a comprehensive banking system simulation in **Java**, encompassing critical operations like deposits, withdrawals, transfers, ATM locations, account creation, and account information.
* Implemented **stringent** user authentication and password protection measures, while ensuring system stability through robust error handling and exception management, resulting in a secure and reliable user experience. Executed over 5000 simulated transactions seamlessly and **flawlessly**, showcasing its **reliability**.