

Hamza Azim

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EDUCATION

Wilfrid Laurier University

Expected 2026

Honours in Bachelors of Science (H.Bsc.), Computer Science

Relevant Coursework: Data Structures & Algorithms, Software Tools & Systems Programming, Software Design & Development in Java, Object-Oriented Programming, Python Programming, Data Structures, Linear Algebra, Calculus I, Database I, Discrete Mathematics, Mathematical Proofs, Windows Application Programming.

TECHNICAL SKILLS

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

Frameworks: MS SQL, ASP.NET, JUnit, Swing, JavaFX, Pytest, JQuery, Bootstrap, Flask

Developer Tools: Git, Unix/Linux, VS Code, Visual Studio, PyCharm, Eclipse, Netbeans, Docker, Kubernetes

Other Tools: GitHub, Jenkins, IntelliJ, Slack, Jira, Miro

EXPERIENCE

Software Engineer Intern

May. 2023 – Aug. 2023

Akhny Solutions Inc.

Remote

- Developed back-end components using **ASP.NET** and **C#**, ensuring efficient data management and dynamic feature implementation.
- Gained exposure to **micro-services architecture** and **CI/CD environments**, contributing to a streamlined development process.
- Managed **SQL Server**, for database operations, enhancing data integrity and performance.
- Collaborated with experienced developers to build a user-friendly online store with secure payment processing and comprehensive product catalog.
- Reduced load time by **30%** through responsive design using **Bootstrap** and **jQuery**

Engineering Student

Sept. 2022 – July. 2023

Almvoy

Remote

- Familiarized with cloud platforms **AWS**, **Azure** and container technologies **Docker**, **Kubernetes**.
- Enhanced data tracking systems using **VB.NET**, **SQL Server**, and **C#**, improving supplier performance monitoring.
- Conducted comprehensive market analysis using **Microsoft SQL server**, and **SSIS**, contributing to informed business decisions.
- Collaborated with project teams to stay abreast of industry trends and supplier capabilities, providing strategic insights that informed project planning and execution.

PROJECTS

Full Stack Developer

Sept. 2023 – Present

InternSync - Startup

Remote

- Developed back-end **SQL queries**, to fetch and display real-time data on the web interface, enhancing user experience.
- Leveraged **micro-services architecture** to enhance the scalability and flexibility of the application.
- 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.
- Contributed to scalable architecture and streamlined deployments in an agile team environment.

Generative AI Projects

Present

Personal and Academic Projects

Remote

- Designed and developed AI models using **Python**, and machine learning frameworks such as **TensorFlow** and **PyTorch**.
- Conducted dataset analysis to identify patterns and extract meaningful features for model training.
- Developed features to improve the accuracy and performance of AI models, focusing on voice automation applications.