

# Muzzi Khan

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## EDUCATION

**Wilfrid Laurier University**  
*Hons. BSc in Computer Science*

Waterloo, ON  
*Sept. 2023 – Aug 2027*

## EXPERIENCE

### AI/Data Engineer Intern

October 2024 – Present

*Refonte Learning*

*Remote*

- **Enhanced Gen AI models** with **precision Prompt Engineering**, driving adaptability and accuracy across diverse data applications.
- **Engineered robust data pipelines** and **seamless ETL processes**, enabling smooth, efficient data flow for real-time and batch processing across global projects.
- **Designed high-efficiency data warehouses** and **optimized databases**, creating scalable structures that streamline data access and support massive data loads.
- **Harnessed big data tools** such as **Hadoop** and **Spark**, transforming vast **datasets** into actionable insights through powerful, scalable processing.

### Web Developer

June 2024 – Present

*SwiftlyWeb*

*Self-Employed*

- **Developed customized websites** for small businesses, enhancing **online visibility** through **front-end** and **back-end technologies**.
- Conducted **client outreach** and **needs analysis** via social media, presenting **tailored prototypes** to demonstrate **UI/UX design concepts**.
- Managed the full software development lifecycle, including **requirements gathering**, **system architecture**, **coding**, **testing**, and **deployment**.
- Implemented front-end technologies such as **HTML**, **CSS**, and **JavaScript**, while also working with **back-end frameworks** and **databases** to create **dynamic, data-driven web applications**.

### Workshop Supervisor

Aug. 2024 – Aug. 2024

*HackThe6ix*

*Toronto, ON*

- **Conducted workshops** on front-end and back-end development, providing **structured instruction** on **HTML**, **CSS**, **JavaScript**, and server-side programming to **build participant proficiency**.
- **Developed curriculum materials** with instructors, **creating focused, outcome-driven content** that optimized participant **learning and engagement**.

## PROJECTS

### Portfolio Website | *React, Tailwind CSS*

- **Developed a comprehensive portfolio website** to **showcase personal projects, skills, and experience** in a structured and **visually appealing format**.
- Utilized **ReactJS** for creating dynamic, reusable components and **Tailwind CSS** for styling, ensuring a responsive and modern user interface.
- Added interactive elements such as animations and custom background visuals to enhance user engagement.
- Deployed the website using **GitHub Pages**, ensuring easy updates and accessibility.

### Bitcoin Price Bot | *Node.js, Discord.js, CoinDesk API*

- **Developed** a Discord bot that tracks **real-time Bitcoin prices** and converts them from USD to CAD using the **CoinDesk API**.
- Implemented **dynamic status updates** to display the **latest Bitcoin price** and **last updated time**.
- **Created rich embeds** for detailed Bitcoin information and enhanced **user interaction**.
- Utilized **GitHub** for **version control** and ensured **error handling** for smooth user experience.

## TECHNICAL SKILLS

**Certifications:** Front End Development Libraries, JavaScript DSA, Responsive Web Design

**Languages:** Python, Java, HTML/CSS, JavaScript, C/C++

**Developer Tools:** VS Code, Android Studio, XCode, Eclipse, MySQL

**Frameworks/Technologies:** Git, Linux, GitHub, React, NodeJS, Latex