

# Muzzi Khan

226-791-6040 | [kmuzzi16@gmail.com](mailto:kmuzzi16@gmail.com) | [Linkedin](#) | [GitHub](#)

## EDUCATION

### Wilfrid Laurier University

Honours Bachelor of Science in Computer Science

Waterloo, Ontario

## EXPERIENCE

### Web Developer

June 2024 – Present

SwiftlyWeb

Self-Employed

- Designed and deployed **5+ customized websites** for small businesses, increasing traffic by **30%** using **React, Node.js, Express, and MongoDB**, ensuring 99% uptime, mobile responsiveness, and cross-browser compatibility.
- Conducted **client outreach** via LinkedIn, Instagram, Tiktok and cold emails, securing **3+ new contracts monthly**, delivering **Figma-based UI/UX prototypes**, and improving client conversion rates by **50%** through targeted designs.
- Managed the **end-to-end development cycle**, optimizing load times by 40% through Lighthouse audits, lazy loading, and implementing CDN caching, database indexing, and **reducing server response times by 60%**.
- Integrated **REST APIs, authentication (OAuth 2.0), and AWS S3 storage**, decreasing database query latency by 35%, improving security compliance, and ensuring **data redundancy across multiple cloud regions**.

### Software Engineering Intern

July 2024 – August 2024

HackTheSix

Toronto, ON

- Developed a **real-time event tracking dashboard** using **Python, Flask, PostgreSQL, and WebSockets**, reducing participant wait times by **20%**, handling **500+ concurrent users** without lag or downtime.
- Automated **data aggregation scripts** using **Pandas and NumPy**, improving registration accuracy by **95%**, reducing manual data entry time by **70%**, and generating **real-time event insights and reports**.
- Created **React-based dynamic forms**, streamlining event check-ins, **cutting paperwork by 50%**, and **reducing input errors by 30%**, ensuring a seamless user experience and enhanced workflow.
- Deployed solutions on **AWS EC2 and Lambda**, ensuring **99.9% uptime**, implementing **CI/CD pipelines** via **GitHub Actions**, and handling **10,000+ API requests daily** without significant performance drops.

### Technical Workshop Leader

August 2024

HackTheSix

Toronto, ON

- Delivered **4+ hands-on coding workshops** on **React, Express.js, Firebase, and Git**, training **100+ attendees** and ensuring high engagement and comprehension levels.
- Assisted in debugging participant projects, **resolving reported issues** within workshop time frames, reducing participant frustration, and providing **1-on-1 technical mentoring** and real-time debugging assistance.

## PROJECTS

### Portfolio Website | React, Tailwind CSS

- Built a **comprehensive** portfolio website to showcase projects and skills, using **React** for **dynamic components** and **Tailwind CSS** for **responsive styling**.
- Added **animations** and **custom visuals**, such as smooth transitions and **interactive** hover effects, to enhance user engagement and retention, ensuring a modern, responsive, and visually **engaging user experience** across **all devices**.
- Deployed the website on **Netlify**, enabling seamless updates and easy accessibility.

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

- Developed a **Discord bot** to track **real-time Bitcoin prices** by integrating the **CoinDesk API**, converting values from **USD to CAD** for up-to-date information.
- Enabled dynamic **status updates** to display the **latest** Bitcoin price, ensuring users always have access to **current information**.
- Improved **user interaction** with **rich embeds** and **error handling**, enhancing overall **user experience** and bot reliability.

## 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