Hamza Haque

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OBJECTIVE

Aspiring Junior Software Developer with a strong foundation in programming languages and web technologies (i.e., C#, JavaScript, SQL, React, Python and .NET frameworks), eager to leverage extensive project experience and problem-solving skills in a role focused on software design, development, and maintenance.

EDUCATION

Manitoba Institute of Trades and Technology (MITT) & Pembina Trails Early College (PTEC)
Dual-Credit Software Developer Program, Expected Graduation: June 2024

TECHNICAL SKILLS

- **Languages/Frameworks:** C#, JavaScript, React, Python, .NET Core, SQL, Java, PHP, HTML, CSS
- **Tools & Technologies:** Git, REST APIs, Database Management, Third-Party APIs

ACHIEVEMENTS & EXPERIENCE

- **Gold Medalist & National Competitor -** Skills Manitoba 2024 Web Technologies. Demonstrated high-level of understanding in web design, software prototyping, documentation, & development principles/best practices.
- **Winner** – MITT Capture-The-Flag Hackathon 2024; demonstrating leadership, analytical, and decision-making skills.
- **FIRST Robotics Team Co-founder & Lead Programmer** – As a founding member, I expanded the team and led Java development for robot functionalities, enhancing team collaboration and achieving strict project deadlines.

PROJECTS

TeamUP *(C#, .NET, SQL, CSS, HTML, Figma)* - A collaborative project aimed at connecting gamers through a web platform based on individual game preferences and playstyles.
- I lead the full stack integration enhancing my understanding of complex web applications and software architecture, including MVC.
- I am actively engaged with peers throughout the project, from concept to deployment, strengthening my skills in teamwork and agile project management.

Global Tourism Website *(React, CSS, Mapbox API)* – Developed a dynamic itinerary planner for a 24-hour hackathon

Skills Manitoba 2024 Web Technologies Winning Project *(PHP, MySQL, HTML, CSS, Figma)* – Designed and developed a mock website for Travel Manitoba within a 5-hour competition, incorporating PHP and MySQL for database integration. I won the provincial competition and will compete nationally in June 2024.

Streaming Platform Website *(React, TMDB API)* – Created a Netflix clone with dynamic content handling

Soccer Database Management System *(C#, .NET, SQL)* – Developed a CLI tool for soccer league management supporting CRUD operations

AI Misinformation Project: *Kick The Bucket, Sock Puppets!* *(Python, JavaScript, Google Auto ML)* - Collaborated with a multidisciplinary team to prototype and refine an AI model, enhancing the detection of fake YouTube comments.

Stock News Alert Program *(Python, APIs)* - Developed a Python-based application that alerts users via SMS about significant stock price changes, accompanied by relevant news articles

Musical Time Machine *(Python, Beautiful Soup)* – Developed a Python program that will create a Spotify playlist with the top 100 songs on any certain date

Arcade Machine Project: *"Food Fight"* *(Unity, C#)* - Led a team to create a 2D platformer game for an arcade machine, featuring a taco character overcoming traps and enemies.