

Matthew Laranjeiro

Software Developer

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Profile

As a software developer pursuing an advanced diploma in software development at Mohawk College, I bring expertise in programming languages (Java, C#, Python, JavaScript, PHP, HTML/CSS) and frameworks like ReactJS and Node.js. My technical skills are complemented by extensive experience in critical care (ICU) and neurosurgery, equipping me with a unique perspective to create innovative solutions that bridge technology and healthcare.

Qualifications

- Proficient in programming languages including Java, C#, Python, JavaScript, PHP, and HTML, with experience using frameworks like ReactJS and Node.js.
- Hands-on experience with database management using MySQL and version control through Git.
- Strong problem-solving and analytical skills developed through both healthcare and software development projects.
- Excellent communication and mentorship skills obtained as a part-time instructor and healthcare team collaborator.

Professional Experience

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| 11/2022 – present | Registered Nurse - Part Time Instructor, Mohawk College <ul style="list-style-type: none">• Taught 7 classes, reaching over 150 students, on clinical topics, fostering analytical thinking and problem-solving skills.• Promoted student success by identifying individual strengths and learning styles• Engaged in continuous professional development and reflective practices |
| 10/2020 – present | Registered Nurse - Level 2 Step Down ICU, Hamilton Health Sciences <ul style="list-style-type: none">• Monitored and managed complex systems, reinforcing attention to detail and proficiency in interpreting real-time data• Collaborated with multidisciplinary teams to develop personalized patient care plans• Participated in bedside neurosurgical procedures, showcasing an ability to operate under high-pressure situations and adhere to precise protocols |
| 12/2019 – 10/2020 | Registered Nurse - Neurosurgery, Hamilton Health Sciences <ul style="list-style-type: none">• Collaborated with physicians and healthcare teams to devise individualized care plans• Monitored and assessed patient conditions using advanced tools, developing a strong foundation in technical system operation• Fostered a supportive environment for patients and families, enhancing communication and interpersonal skills |

Projects

Rock Climbing Route Tracker Web Application

- Application for climbers to log completed routes, including route names, grades, and session details.
- **Front-End:** Designed and implemented a clean, user-friendly interface using HTML, CSS, and JavaScript, ensuring a responsive design for seamless use.
- **Back-End:** Built backend functionality with MySQL to store and retrieve user data, enabling climbers to track and analyze their climbing history.
- **User Authentication (Work in Progress):** Currently developing a login system to allow users to securely store and manage their climbing sessions across multiple devices.

Education

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| 09/2023 – present | Advanced Diploma in Software Development, Mohawk College
CGPA: 89.4 |
| 09/2015 – 04/2019 | Bachelor of Science in Nursing, McMaster University |