

Murtadha Saeed Nisyif

Kitchener, Ontario, Canada

mnisyif@gmail.com — +1 (519) 502-8463

Website — LinkedIn — GitHub

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Hiring Team
Brock Solutions
Kitchener, ON

Dear Hiring Team,

I am excited to apply for the Control Systems Engineer position at Brock Solutions. With solid foundation in software development and hands-on experience in designing and deploying integrated systems, I am confident in my ability to contribute to your team and help drive the continued success of Brock Solutions.

In my recent role as a Researcher ML Engineer at the University of Guelph, I conducted in-depth data collection, diagnosis and analysis to identify key correlations in latency and network bandwidth. This experience in real-time environments helped me develop a solid foundation for programming, deploying and optimizing systems under various operational conditions. My prior work as a Software Developer on an Assistive Robotic Feeding System in ROS2 required on-the-spot troubleshooting of hardware-software integration issues, as well as coordinating with microcontrollers and sensors (ESP32, PIR) in a Smart Door application, to deliver a stable automated experience. Additionally, my experience as an IT Analyst entailed reading electrical schematics, configuring firewalls, and modernizing network infrastructure—further sharpening my problem-solving abilities.

Beyond my professional roles, I also maintain a personal home lab where I manage automations for lighting, thermostats, and security—deepening my understanding of real-time data exchange, hardware integration, and troubleshooting. Throughout these projects, I leveraged my skills in C/C++, Python, and Java, along with basic Ladder Logic (PLC) knowledge, to integrate hardware and software in real-time systems. I also appreciate the importance of robust design documentation and functional specifications, having written and followed them closely for various edge-cloud and robotics solutions. My familiarity with IT/networking, databases, and version control (Git) further positions me to support Brock Solutions' industrial automation projects from design through commissioning.

I also welcome the travel requirement of up to 40% for on-site installations and system commissioning, as I thrive on hands-on involvement to make sure solutions run smoothly in real-world production. My background has prepared me to excel in roles requiring both technical depth and adaptability.

I am confident my experience, technical expertise, and proactive problem-solving approach make me a strong candidate for the Control Systems Engineer role and align with Brock Solutions's needs. I look forward to the opportunity to discuss how my background aligns with Brock Solutions's mission. Please feel free to contact me at mnisyif@gmail.com or +1 (519) 502-8463 at your earliest convenience.

Thank you for your time and consideration.

Sincerely,

Murtadha Saeed Nisyif