

# Cover Letter

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To whom may it concern,

I am writing to express my keen interest in the Information System's Manager position. With my extensive experience as a Senior Software Engineer and my ongoing pursuit of a Master of Information Systems, I am confident that my skills and qualifications align perfectly with the requirements of this role.

I hold a Secret Clearance Level II, which remains valid until 2030, ensuring a strong foundation of trustworthiness and confidentiality. Currently pursuing my master's degree in information systems with focus on A.I. and Simulation Systems at Athabasca University, I am actively engaged in cutting-edge research and staying updated with the latest industry advancements.

My professional development and accreditations, such as being a Certified Modeling and Simulation Professional at the Master Level and as a member of the Canadian Information Processing Society (C.I.P.S.), showcase my commitment to continuous learning and professional growth. Additionally, my membership in the Ontario Association of Certified Engineering Technicians and Technologists (O.A.C.E.T.T.) and my SAFe 6 certification as a Scalable Agile Framework Practitioner further enhance my qualifications.

In my current role as a Senior Software Engineer at ADGA Group Consultants Inc, I have demonstrated my expertise in simulation, technical investigation, and engineering services. My experience includes programming in C# and C++, utilizing design patterns and SOLID principles, and developing GUI applications using the Unity3D. I have also developed 3D models, worked on VR applications, and utilized tools such as Blender and the Vortex Simulation Platform to create immersive simulation environments.

Prior to this, as a Program Analyst in the Modeling and Simulation - MODSIM team, I gained proficiency in Java programming, utilizing frameworks such as Apache Maven and JavaFx for frontend development. I have some experience working in a Linux environment, utilizing version control systems like Git and GitLab, and working with XML and JSON file formats. My familiarity with various software and tools, including Unity, Unreal Engine, Blender, and Adobe Creative Suite (Photoshop, Illustrator, Premiere-Pro), adds versatility to my skill set.

During my tenure at Bombardier Transportation, I successfully fulfilled the role of a SCADA Analyst. I was responsible for programming in languages such as JScript.Net and Visual C#, while adhering to object-oriented design principles. I provided technical training, contributed to cost estimation for project bids, and created technical documentation following industry standards. My knowledge of the CENELEC 50128 (IEC 62279) Standard and experience in designing SCADA systems further highlight my abilities in this field.

Furthermore, my experience as a Site Manager at Transformix Automation showcased my leadership and project management skills. I managed cross-functional engineering teams, coordinated projects spanning multiple countries, and ensured compliance with legal requirements and regulations. With my ability to navigate complex international environments and effectively communicate with stakeholders, I can contribute to the successful implementation of projects at your organization.

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In addition to my technical expertise, I possess excellent communication skills and thrive in collaborative team environments. I am fluent in English, both written and oral, which allows me to effectively convey complex technical concepts to diverse audiences.

I have attached my resume for your review, which provides further details about my qualifications and professional experience. For additional information, please feel free to visit my website at <https://www.eddiedemeira.com> or scan the QR code provided at the end of this letter.

For many years working in the technical field and covering many areas of specialization, such as mechanical, electrical, software development and management; I've gained an insight on the most important aspects of the industrial technical development. Ranging from budget control, technical supervision, business targets orientation using KPIs, technical procedures development, quality assurance auditing and software development and implementation, I have the tools needed to be able to oversee problems and offer faster and more reliable solutions in the technical field and/or in the management positions.

Excellent understanding on how to communicate with all levels of professionals, from the apprentice level to the professional engineer, gives me the flexibility to make educated decisions that will benefit both: the company and the customer.

Skills developed in software programming, implementation, design, debugging, documentation, and best practices, give me the logical thinking needed to understand and manage large project deployment as well as planning the forecast of resources allocation and budget control.

I am also incorporated and through my company *DeMeira Solutions Inc*, I provide services for contracts ranging from 6 months to a year. Based on my professional experience, I provided consulting work as well as developed technical courses at college level to two Canadian Colleges, between the years 2023 and 2024.

On July 11<sup>th</sup> of 2023, I launched my new book entitled "How to C# in a Fuzzy World", which is available in more than 10 countries through Amazon, and it's being currently translated to Brazilian Portuguese and I am working on a new book about Artificial Intelligence, which should be available by the end of 2025.

The book can be found in this link:

<https://www.amazon.ca/Fuzzy-World-EDENILSON-LOPES-MEIRA/dp/B0C9S7QHW8>

I am excited about the opportunity to contribute my skills and knowledge to, and I am confident that my passion for technology, strong technical proficiency, and commitment to delivering high-quality results make me an ideal candidate for this opportunity.

Thank you and I am looking forward to hearing from you.

Regards,

Edenilson.



QR Code to My Website