



**Job Title:** Systems Engineer/Systems Engineering Specialist

**Job Location:** Ajax, ON

**Job Field:** Engineering

**Employment Type:** Full Time - Permanent

Besnovo (formerly BRIC Engineered Systems) is a leading system integrator in industrial robotics and automation and has a track record of developing advanced robotic solutions and systems for the aerospace, automotive, and advanced manufacturing industries. Besnovo's robotic and automation products have been successfully deployed for worldwide customers, including the US Air Force and leading aerospace companies. Besnovo is seeking an experienced robotic application Engineer/specialist to lead the development of control and planning software for industrial robotic applications and to support the integration of industrial robots into large industrial automation systems.

The successful candidate will report to Besnovo's CTO and will collaborate with a multi-disciplinary engineering team to ensure implementation and compliance of the system engineering framework as outlined in Aerospace Standards.

**Responsibilities:**

- Assist CTO in implementing the systems engineering approach in the product design and development processes as per AS9100D standards.
- Lead the development and allocation of system requirements.
- Lead the development of operational concepts, system specifications, and system interfaces.
- Lead the identification and management of design risks and mitigation plans.
- Work with the project team to develop solutions that meet stakeholders' expectations.
- Monitor design integrity and compliance with requirements specifications.
- Organize design reviews to ensure compliance at various stages of projects.
- Support the preparation of and updates to systems engineering management plans.
- Support system integration, test, and acceptance.
- Lead the development of verification and validation plans and support relevant verification and validation activities.
- Conduct cost estimates and presentations to both customers and the company's management as necessary.
- Produce technical documents, specifications and standards, including system requirements, interface and design documents.
- Monitor and resolve customer concerns as design, implementation, integration and test progress.
- Support the development system maintenance plans.

**Qualifications:**

- B.Sc or M.Sc in Engineering, with 5+ years of experience in a systems engineering role.
- Knowledge of the systems engineering discipline, with proven record of applying it in various stages of product development.
- Experience in engineering design disciplines (e.g., reliability, maintainability, availability, security).
- Experience in identifying and managing risks.
- Strong analytical and critical thinking skills and strong written and oral communication skills in English

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**Besnovo Inc.**

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- Self-starter working in an entrepreneurial environment, and passionate about the potential of company growth and strong problem-solving skills and ability to learn quickly.
- Experience with AS9100D or ISO9001 is a plus.

**How to apply:** *Qualified applicants should send a cover letter and resume to: [humanresources@besnovo.com](mailto:humanresources@besnovo.com).*

*Thank you for your application. Only candidates selected for interview will be contacted. Besnovo Inc. is committed to accessible employment practices which are compliant under AODA and support equal opportunity. If you require any accommodation throughout the recruitment process, please advise Human Resources at [humanresources@besnovo.com](mailto:humanresources@besnovo.com). All personal information is collected under the authority of FIPPA.*

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