

Ronish Gobin

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Education

Bachelor of Engineering in Industrial Engineering – Co-op Program

Dalhousie University

Sept 2021 – May 2024

Diploma in Engineering (Focused on Mechanical Engineering Courses)

Saint Mary's University

Sept 2014 – May 2017

Work Experience

Project Estimator & Manager | DWF, Musquodoboit Harbour, NS

Sept 2024 – Current

- Led the implementation of JobBOSS², a manufacturing ERP system
- Reviewed tenders and technical documents to define project scope and requirements
- Prepared proposals, tender submissions, and bid documentation
- Managed purchasing activities and maintained vendor relationships
- Served as the primary contact for client communication and internal coordination
- Created 2D engineering drawings for manufacturing and fabrication
- Managed project scope changes to ensure alignment with client expectations
- Conducted on-site risk assessments and safety evaluations
- Tracked job progress and delivered regular status updates to stakeholders
- Oversaw project closeout, including final inspections and documentation

Engineering Student Consultant | Labatt Brewing Co Ltd, Halifax, NS

Sept 2023 – Apr 2024

Capstone Engineering Project: Beer Filter Uptime Improvement

- Identified root causes of downtime using Industrial Engineering tools such as 5-Whys, Fishbone diagrams, work sampling and data analysis.
- Developed solutions accordingly including flowcharts, checklists, and optimized filter washout processes through Design of Experiments, Monte Carlo Simulation, and mathematical modeling.
- Conducted a comprehensive risk analysis to ensure successful implementation of solutions.
- Expected to improve filter uptime by 5% and reduce opportunity loss by over \$360,000.

Manufacturing Engineering Co-op | Stelia Aerospace N.A., Lunenburg, NS

May 2023 – Aug 2023

- Gained experience in the composite manufacturing process for aerospace applications.
- Collaborated with the production department to develop new or improved work instructions.
- Supported Engineering process updates by actively managing documentation and implementing upgrades through the ERP system database.
- Initiated a clean room renovation project by analyzing the requirements, evaluating solutions, and comparing quotes. Developed the execution plan with key milestones and scheduling.

Industrial Engineering Intern | Waldale Manufacturing Ltd., Amherst, NS

Sept 2022 – Dec 2022

- Gained expertise in license plate manufacturing processes.
- Led continuous improvement projects to enhance productivity & optimize operator ergonomics.
- Performed Data Analytics of scrap reports and collaborated with operators to identify root causes.
- Produced design recommendations in line with CSA Standards, Safeguarding of Machinery.
- Assisted with testing of new equipment and created or updated Safe Work Instructions.

Manufacturing Engineer Co-op | Ultra Maritime, Dartmouth, NS

Jan 2022 – Apr 2022

- Acquired experience & knowledge on manufacturing processes by working on multiple projects related to production improvement and problem solving of production issues.
- Designed jigs, fixtures, equipment mounts and enclosures used on production lines.
- Created 3D models, used FEA tools and applied GD&T principles to create engineering drawings.
- Sourced replacement of production equipment and provided analysis on make-in-house vs buy.
- Fabricated equipment enclosures and jig prototypes in the mechanical workshop.
- Developed and reviewed Manufacturing Engineering Instructions for production of sonar product.
- Led a renovation project which included workstation and ventilation system redesign.

CAD Designer | CTS Container & Trailer Services, Dartmouth, NS

Nov 2018 – Aug2021

- Designed solutions and products, including new & modified ISO shipping containers, trailers, tanks, modular buildings, and offshore units.
- Coordinated project timelines, ensuring seamless collaboration across design, material procurement and manufacturing teams.
- Managed project reports, ensuring accurate documentation throughout the project lifecycle.
- Evaluated vendor quotes and material specifications to select products that met design requirements and budget constraints.
- Created 3D models of products with multi-level assemblies, including hundreds of parts.
- Produced detailed Bill of Materials and 2D drawings packages for client approvals, manufacturing, and third-party certifications (DNV GL & Lloyd's).
- Conducted inspections and assisted with test of new product to ensuring product compliance with design specifications.

Skills & Other Details

- Project Management: Coordinated and managed a variety of projects.
- Diverse Industry Knowledge: Gained experience across multiple disciplines, including metal fabrication, manufacturing, building and workstation renovations, and process improvement.
- Problem-solving Skills: demonstrated while tackling different challenges through critical thinking, information processing, creativity and decision-making
- Proficient in AutoCAD & SolidWorks with over 5 years of professional experience (2D & 3D).
- Experience & knowledge using tools for PLM and ERP systems.
- Experience in data analysis and database management using C++, SQL, Python, & Power BI.
- Worked in industries requiring security clearance including CGP, NATO Secret and ITAR.
- Quality Assurance: Worked in environments with ISO 9001, AS9100 & W47.1 certifications.
- Continuous Improvement: Trained in and implemented Lean manufacturing tools such as 5S, VSM, SMED and others.
- Teamwork: Effectively collaborated with diverse teams and individuals by utilizing interpersonal skills and emotional intelligence to foster a positive and productive work environment.
- Reliable and committed to delivering high-quality results, demonstrating dependability in meeting deadlines and supporting team objectives.
- Organizational Skills: Accomplished tasks efficiently and on time by effectively planning, organizing, and prioritizing projects.
- Report Writing & Data Logging: Excellent at writing concise and informative reports while working on multiple projects simultaneously.
- Multilingual: English, French and more.