



Intermediate Optimization Software Developer

Role Overview

We are seeking an **Intermediate Optimization Software Developer** to develop and support sawmill optimization products with guidance from senior developers and our East Coast and West Coast leadership teams. This role combines software development with hands-on installation support and provides opportunities to grow your expertise in optimization, industrial integration and technical ownership.

What You'll Do

- Develop and maintain C# and .NET optimization services, production tools and Blazor user interfaces.
- Implement features involving configuration, scan and production data, reporting, databases and service-to-service communication.
- Write clear, testable code and participate actively in design reviews, code reviews and release preparation.
- Investigate defects using application logs, database queries, network evidence and repeatable tests.
- Support installation and commissioning by verifying software configuration, PLC and scanner communication, data flow and operator workflows.
- Work with senior developers, startup personnel, controls staff and customers to document issues and close site punch-list items.
- Improve technical documentation, automated tests, diagnostics and recovery procedures.
- Develop deeper knowledge of sawmill processes and optimization decisions over time.

What You Bring

- Professional experience developing applications in C# and .NET.

- A practical understanding of object-oriented design, asynchronous programming, APIs and relational data.
- Experience debugging multi-component applications and explaining findings clearly.
- Comfort learning unfamiliar industrial processes and working with both software and field teams.
- Good written and verbal communication, dependable follow-through and a collaborative approach.
- Ability to travel to customer sites and work safely in active sawmill environments when required.

Experience That Will Set You Apart

- ASP.NET Core, Blazor, gRPC, Protobuf, Entity Framework Core, PostgreSQL, SQL Server or SQLite.
- Manufacturing, industrial automation, optimization or production-support software.
- PLCs, industrial networking, laser scanners, encoders or field commissioning.
- Geometry scanning, numerical computing, visualization or machine vision.
- Git workflows and automated unit or integration testing.

Work Location and Travel

The position is associated with our **Lindsay, Ontario** office. Lindsay and surrounding-area candidates are preferred, but remote work is available for proven self-starters. Periodic office time in Lindsay is preferred.

Periodic travel is required for installations, commissioning and customer support. Travel is typically limited to approximately 1.5 weeks within a two-month period, depending on project requirements and workload.

Whenever possible, travel is scheduled with at least 1.5 to 2 weeks' notice, although urgent customer situations may occasionally require shorter notice. All required travel expenses are covered by the company, and senior-level support is available for more complex or higher-risk technical issues.

About Us

TS Manufacturing is a family-owned Canadian company and global leader in automated machinery for the sawmill and bulk material handling industries.

Our optimization team develops industrial software for sawmill processes including trimmers, board edgers, gangs, log lines, merchandisers, slab systems and course-makeup equipment.

Applicants are encouraged to view the website, www.tsman.com as well as our YouTube channel <http://www.youtube.com/user/tsmanufacturing>.

Why Work With Us?

At TS Manufacturing, you're not just a number — you're part of the team. We offer:

- Base salary of \$90,000 to \$115,000 per year, based on relevant experience and demonstrated capabilities.
- Commissioning work paid at hourly rates, including applicable overtime and site bonuses.
- Company pension & comprehensive benefits (health, dental, disability, life)
- Overtime after 40 hours
- Modern, well-equipped manufacturing and assembly facilities
- Career growth and training opportunities in a family-oriented, global company

Apply Today

Please submit your resume and a short note describing the experience most relevant to this position to Careers@TSman.com