

## Cover Letter

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**General Motors**

Hiring Manager

Dear Hiring Manager,

I am writing to express my strong interest in the **Senior Software Engineer, Behavior Validation** position at General Motors. With a Bachelor's degree in Software Engineering from the University of Phoenix, completion of Georgia Tech's Full Stack Web Development Bootcamp, and QA Software Tester certification from JanBask Training, combined with 18+ years of professional experience in maintenance engineering, I am confident in my ability to contribute effectively to your team.

## Why I'm a Great Fit

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My unique background bridges hardware and software engineering. During my 18 years as a Maintenance Engineer across 8+ companies, I developed strong problem-solving skills through:

- **PLC Programming:** Writing and debugging ladder logic and control systems
- **Electrical Troubleshooting:** Systematic diagnosis of complex technical issues
- **Systems Optimization:** Improving efficiency and reliability of industrial automation

- **High-Pressure Performance:** Maintaining critical systems with minimal downtime

These skills translate directly to software development—debugging code is remarkably similar to troubleshooting electrical systems, and PLC programming follows the same logical thinking as modern programming languages.

## Recent Technical Training

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To transition into software development, I've completed:

- **Georgia Tech Full Stack Web Development Bootcamp (2023):** Gained hands-on experience with React, Node.js, Express, MongoDB, MySQL, and modern web technologies
- **QA Software Tester Certification (2025):** Learned testing methodologies, automation frameworks, and quality assurance best practices
- **Personal Projects:** Built multiple full-stack applications demonstrating proficiency in the MERN stack

## What I Bring to General Motors

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- **Proven Work Ethic:** 18 years of consistent professional performance
- **Problem-Solving Mindset:** Experience diagnosing and resolving complex technical issues
- **Quick Learner:** Successfully transitioned from hardware to software engineering
- **Team Collaboration:** Worked effectively with cross-functional teams in industrial settings
- **Attention to Detail:** Critical for both electrical systems and clean, bug-free code

I am excited about the opportunity to bring my unique perspective and technical skills to General Motors. I am particularly drawn to this role because it aligns perfectly with my recent training and career transition goals.

Thank you for considering my application. I look forward to discussing how my background and skills can contribute to your team's success.

Sincerely,

**KABUNDI Tshisuaka**