

Logan Minaudo

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PROFESSIONAL SUMMARY:

Dedicated Software Engineer with hands-on experience in embedded software development, debugging, and performance optimization. Proficient in C, C++, Python, and exposed to RTOS-based systems. Skilled in hardware-software integration, automation, and collaboration with cross-functional teams to deliver high-quality solutions. Experienced in full lifecycle development of mission-critical applications and eager to contribute to engineering teams delivering impactful tools and infrastructure.

SKILLS:

- Embedded Software Development (C, C++, Python)
- Hardware-Software Integration
- Debugging and Troubleshooting
- Automation & Testing
- RTOS and Embedded Systems
- Cross-Functional Collaboration

EXPERIENCE:

Software Engineer – Electric Drive

General Motors | Pontiac, MI

March 2024 - Present

- Designed and tested embedded software to control electric machines and power inverter modules for hybrid and electric vehicles.
- Collaborated with cross-functional teams to optimize control systems for performance, efficiency, and reliability.
- Developed solutions that align with the mission of delivering world-class electrified vehicles.

Software Developer – SAP ABAP

General Motors | Detroit, MI

June 2022 – March 2024

- Developed and optimized high-impact code for General Motors' mission-critical systems and applications.
- Actively participated in the complete Software Development Life Cycle (SDLC), from requirements analysis to development and deployment.
- Utilized Agile methodologies, ensuring the timely delivery of high-quality, scalable solutions.

EDUCATION:

M.S. Computer Science and Information Systems

University of Michigan - Flint

May 2023

Concentration in Computer Science

B.S. Computer Science

University of Michigan - Flint

May 2022

Minor in General Business

Master's Business Administration

Louisiana State University - Shreveport

June 2025

Concentration in Project Management

REFERENCES:

Available upon Request