MICHAEL ANDERSON

Senior Software Engineer

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SUMMARY

An accomplished Automotive Software Engineer with over 10 years of experience in developing cutting-edge software solutions for the automotive industry. Highly skilled in embedded systems, software architecture, and automotive protocols such as CAN and LIN. Demonstrated ability to lead cross-functional teams in the design and implementation of advanced driver-assistance systems (ADAS) and autonomous vehicle technologies.

WORK EXPERIENCE

Senior Software Engineer Global Automotive Solutions   *Jan 2023 - Present*

- Led the development of embedded software for ADAS applications.
- Implemented software testing protocols to enhance reliability.
- Managed a team of junior engineers in project execution.
- Collaborated with hardware teams to integrate software with vehicle systems.
- Optimized existing algorithms for better performance.
- Conducted code reviews and provided mentorship to team members.

Software Engineer Tech Innovations Inc.   *Jan 2020 - Dec 2022*

- Developed software for vehicle communication systems using CAN protocol.
- Participated in system design and architecture discussions.
- Performed system integration testing to ensure functionality.
- Documented software specifications and user manuals.
- Utilized Agile methodologies for project management.
- Engaged in troubleshooting and debugging software issues.

EDUCATION

Master of Science in Computer Engineering, University of Michigan, 2011   *Sep 2019 - Oct 2020*

ADDITIONAL INFORMATION

- **Technical Skills:** Embedded Systems, Software Development, ADAS, C/C++, CAN Protocol, Agile Methodologies
- **Awards/Activities:** Reduced software error rates by 30% through rigorous testing practices.
- **Awards/Activities:** Led a project that improved vehicle safety features, resulting in a 20% reduction in accidents.
- **Awards/Activities:** Received the 'Innovator of the Year' award for contributions to autonomous driving technology.
- **Languages:** English, Spanish, French