

MICHAEL ANDERSON

Embedded Software Engineer

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Enthusiastic Software Design Engineer with 3 years of experience in the automotive industry, focusing on developing software solutions for vehicle systems. My background includes working with embedded systems and real-time applications that enhance vehicle performance and safety. I have a strong foundation in software development principles and a keen interest in automotive technologies.

WORK EXPERIENCE

Embedded Software Engineer | AutoTech Solutions

Jan 2022 – Present

- Developed embedded software for advanced driver-assistance systems (ADAS), improving safety features.
- Collaborated with hardware engineers to integrate software with vehicle systems.
- Conducted testing and validation to ensure software compliance with safety standards.
- Utilized C and C++ for software development, ensuring high performance and reliability.
- Participated in design reviews and contributed to technical documentation.
- Provided technical support for existing software systems and troubleshooting.

Junior Software Developer | Smart Vehicles Inc.

Jul 2019 – Dec 2021

- Assisted in the development of software for vehicle infotainment systems, enhancing user experience.
- Worked alongside senior developers to learn best practices and improve coding skills.
- Conducted unit testing and debugging to ensure software functionality.
- Collaborated with testing teams to validate software performance under various conditions.
- Maintained project documentation and contributed to knowledge sharing sessions.
- Participated in team meetings to align on project objectives and deliverables.

SKILLS

C C++ Embedded systems Software testing Agile methodologies Automotive technology

EDUCATION

Bachelor of Science in Computer Engineering

2018

University of Automotive Technology

ACHIEVEMENTS

- Contributed to the development of a vehicle control system that won an industry innovation award.
- Improved testing processes that reduced software validation time by 20%.
- Recognized for outstanding teamwork and collaboration on a major project initiative.

LANGUAGES

English Spanish French