

Experienced

# Lead Software Engineer

Vision Systems - Samvardhana Motherson Reflectec (SMR) - Noida, India

At Motherson, we're committed to creating long-term jobs and advancing global careers. Featured on TIME's World's Best Companies list, we are a diversified global design, engineering, manufacturing, assembly and logistics specialist, delivering full-system solutions to customers across industries. With a focus on innovation, quality and sustainability, we strive to be a trusted industrialisation partner and an employer that nurtures a diverse, inclusive workplace.

Our Vision Systems division enhances vehicle safety and visibility with high-quality mirrors and advanced camera systems, trusted by major automotive OEMs worldwide. Join us to collaborate with experts, work with cutting-edge technology, and help shape the future of safer, smarter mobility.

## What you'll do

- - Lead and mentor a small, embedded software team based in Noida.
  - Develop embedded software in C for automotive applications across 8-bit, 16-bit, and 32-bit microcontroller platforms.
  - Interpret and work from technical documents such as: Statement of Requirements (SOR), Software Detail Designs (SDD), Software Validation Plans (SVP).
  - Support hardware-in-the-loop (HIL) bench-level simulation and debugging.
  - Read and interpret embedded hardware schematics.
  - Review and manage assigned tasks; provide regular status reports to the Engineering Manager.
  - Apply quality assurance practices including unit testing, static analysis, and code inspections.
  - Use configuration management tools (e.g., Bitbucket, GitHub) for source control and collaboration.
  - Use Vector CANalyzer for CAN bus analysis, including CAPL scripting, CANdb file use, and basic test panel creation.
  - Work within the automotive development lifecycle, including familiarity with APQP processes.

## What we are looking for

### • Required skills and experience

- Proficiency in Microsoft Office applications (Outlook, Word, PowerPoint, Excel, Teams).
- Strong skills in embedded C programming across multiple architectures (8bit, 16bit and 32bit), .
- Experience working with bench-level HIL simulations.
- Understanding of CAN communication protocols and data structures.
- Experience reading and interpreting electronic hardware schematics.
- Practical experience using configuration management tools such as Bitbucket or GitHub.
- Familiarity with automotive development practices such as APQP and quality assurance workflows.
- Experience using Vector CANalyzer, CAPL scripting to setup test environments
- Read and understand technical documentation such as Statement of Requirements (SOR), Software Detail Designs (SDD) and Software Validation Plans (SVP)
- Demonstrated ability to lead and manage a small team and track/report progress effectively.
- Participate in periodic task tracking and reporting with the local and Australian engineering teams

### Preferred qualifications

- Bachelor's degree in Electronics, Computer Engineering, or a related field.
- 5+ years of experience in embedded systems development.
- Prior experience leading or mentoring small engineering teams.
- Previous experience in automotive

## What we offer

A competitive salary and range of benefits

Be part of worldwide team with very big challenges ahead, which bring huge development opportunities for people with big career goals.

If you enjoy working in a fast-paced environment then look no further.