ANS PL2 (Telematics) NAD - Modem Test Engineer

Ihre Aufgaben

Modem Test Engineer in Architecture and Networking Solutions Product Line 2 (Telematics) Korea

Position Overview:

The Test Engineer to join our Telematics R&D team, supporting the validation of next-generation Telematics Control Units (TCUs) for leading global automotive OEMs. Execute and develop test cases across multiple telematics domains, including cellular (LTE/5G), GNSS, Wi-Fi, Ethernet, and vehicle networks (CAN/LIN), ensuring the highest standards of quality and reliability for automotive-grade telematics products.

Responsibilities:

- Perform modem/module-level validation of Telematics Control Units (TCUs) against customer and internal requirements.

- Develop and execute test plans, test cases, and test scripts for cellular (LTE/5G), GNSS, Wi-Fi, Bluetooth, Ethernet, CAN, and LIN functionalities.

- Conduct field tests and bench tests, analyzing network behaviors and system performance under various conditions.

- Capture and analyze logs using diagnostic tools (QXDM, QCAT, Wireshark, CANalyzer, CANoe).

- Support test automation development and contribute to the continuous improvement of validation processes.

- Work closely with development, system engineering, and customer teams to reproduce and troubleshoot issues.

- Document test results, log defects, and track issues through resolution.

- Support OTA update validation and vehicle diagnostics (UDS) testing.

- Assist in certification and regulatory testing activities (e.g., FCC, PTCRB, GCF).

Ihr Profil

- Bachelor's degree in Electrical Engineering, Computer Engineering,

Job ID
REF82443D

Standort
Seongnam-si

Leadership Level
Leading Self

Job Flexibilität
Hybrid Job

Rechtliche Einheit
Continental Automotive Korea Ltd.

Telecommunications, or a related field.

- 3+ years of experience in embedded systems, wireless communication, or automotive system validation.

- Familiarity with cellular (LTE/5G) networks and GNSS technologies.

- Basic understanding of CAN, LIN, Ethernet protocols.

- Experience with testing tools such as QXDM, Wireshark, CANalyzer, or similar.

- Good problem-solving skills and ability to work collaboratively in a cross-functional environment.

- Strong communication skills (written and verbal) for reporting and coordination.

Unser Angebot

Preferred Qualifications:

- Hands-on experience with Telematics products, infotainment systems, or automotive ECUs.

- Knowledge of scripting languages for test automation (Python, CAPL, or similar).

- Familiarity with OTA/FOTA update processes and basic cybersecurity principles.

- Exposure to automotive standards such as ASPICE, ISO 26262, or ISO 21434 (cybersecurity).

Application Form Submission:

- Please kindly submit your Resume as Application Form.
- Application Form Download Link
  : https://c.smartrecruiters.com/sr-company-attachments-prod-aws-dc5/61711815ada8a04e3608a8c0/e347e296-af65-4fcb-9fa1-11b1b48b19d2?r=s3-eu-central-1

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Über uns

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