

ANS PL2 (Telematics) NAD - Modem SW Engineer

หน้าที่ความรับผิดชอบในงานของคุณ

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

Position Overview:

The Senior Embedded Software Engineer with deep expertise in embedded systems and wireless communication protocols to join our Telematics R&D team. We develop next-generation Telematics Control Units (TCUs) for leading global automotive OEMs.

A critical role in designing, developing, and integrating telematics software while ensuring compliance with automotive-grade quality and performance standards.

Responsibilities:

- Lead the design and development of embedded software for Telematics Control Units (TCUs).
- Develop and integrate cellular (LTE/5G), GNSS, Ethernet, Wi-Fi, and CAN/LIN stack modules.
- Collaborate closely with hardware, systems, and validation teams to deliver new features to market.
- Analyze customer requirements and translate them into detailed software specifications.
- Debug complex system-level issues across the stack (bootloader, middleware, drivers, applications).
- Interface with customers during integration, validation, and product launch phases.
- Support OTA updates, diagnostics (UDS), and data logging functionalities.
- Ensure compliance with automotive standards such as AUTOSAR, ASPICE, and ISO 26262 (functional safety).
- Participate in code reviews, mentor junior engineers, and drive software engineering best practices.

โปรไฟล์ของคุณ

- Bachelor's or Master's degree in Computer Science, Computer Engineering, Electrical Engineering, or a related field.
- 7+ years of embedded software development experience in C/C++.
- Hands-on experience with real-time operating systems (RTOS) or



รหัสตำแหน่งงาน

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ที่ตั้ง

Seongnam-si

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embedded Linux.

- Strong knowledge of cellular technologies (LTE/5G) and GNSS systems.
- Familiarity with vehicle network protocols: CAN, LIN, Ethernet, UDS diagnostics.
- Experience working with Qualcomm or MediaTek cellular chipsets (e.g., TeiSDK, TeIAF, QMI, RIL, MIPC, AT command stacks).
- Solid understanding of bootloaders and secure software update mechanisms (FOTA/OTA).

ข้อเสนอของเรา

Preferred Qualifications:

- Hands-on experience with Qualcomm or MediaTek chipset architectures.
- Knowledge of cybersecurity standards, including ISO 21434 and secure boot processes.
- Familiarity with 3GPP standards.
- Experience with DevOps practices, CI/CD pipelines, or Jenkins for embedded development.
- Prior experience supporting mass production programs at a Automotive supplier.

Application Form Submission:

- Please kindly submit your Resume as Application Form.
- Application Form Download Link
: <https://c.smartrecruiters.com/sr-company-attachments-prod-aws-dc/5/61711815ada8a04e3608a8c0/e347e296-af65-4fcb-9fa1-11b1b48b19d2?r=s3-eu-central-1>

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เกี่ยวกับเรา

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