ANS PL2 (Telematics) NAD - Modem SW Engineer

Tus actividades

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.

Tu perfil

- 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 embedded Linux.

Job ID
REF82437E

Ubicación
Seongnam-si

Nivel de liderazgo
Liderando Gente

Flexibilidad laboral
Trabajo Híbrido

Unidad jurídica
Continental Automotive Korea Ltd.

- 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., TelSDK, TelAF, QMI, RIL, MIPC, AT command stacks).

- Solid understanding of bootloaders and secure software update mechanisms (FOTA/OTA).

Lo que ofrecemos

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-dc5/61711815ada8a04e3608a8c0/e347e296-af65-4fcb-9fa1-11b1b48b19d2?r=s3-eu-central-1

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Acerca de nosotros

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.

The Automotive group sector comprises technologies for passive safety, brake, chassis, motion and motion control systems. Innovative solutions for assisted and automated driving, display and operating technologies,

as well as audio and camera solutions for the vehicle interior, are also part of the portfolio, as is intelligent information and communication technology for the mobility services of fleet operators and commercial vehicle manufacturers. Comprehensive activities relating to connectivity technologies, vehicle electronics and high-performance computers round off the range of products and services.