

JOB DESCRIPTION

Division/Department:	Automotive and Industrial Products Business Unit		
Job Location:	Bangalore		
Working Arrangement:	WFO		
Visa Status:	NA	Title:	Embedded Developer (Cyber Security)
Level/Grade	L3	Type of position:	Hours 40 / week
		<input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time <input type="checkbox"/> Contractor <input type="checkbox"/> Intern	<input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Nonexempt
GENERAL DESCRIPTION			
<p>Software Developers</p> <ul style="list-style-type: none"> • Practical knowledge of embedded C/C++, POSIX Operating Systems (Ubuntu preferable) • Practical knowledge of QNX SDP • Practical knowledge of Automotive Android • Practical knowledge of secure software development and best practices • Practical knowledge of static code analysis, dynamic code analysis, unit tests, Gtest framework, Software bill of materials, Vulnerability analysers, Doxygen. • Practical knowledge of code compilation on x86, QNX and Android • Knowhow of crypto primitives, PKCS11 and OpenSSL for performing crypto integration. • Knowledge of JSON, XML, Protobuf, vSOME/IP, UDP, PDU containers. • Knowledge of signal to service abstraction • Familiarity with Logging formats (e.g.: syslog-ng). • Knowledge of Gitlab, API creation, libcurl and other SW libraries, • CI/CD pipeline, Jfrog, Code editor (Visual studio code or similar IDE's) 			
WORK EXPERIENCE REQUIREMENTS			
- 5 – 15 years			
EDUCATION REQUIREMENTS			
- Bachelor's degree			

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SKILL REQUIRED TO SUCCEED IN THIS JOB

Goals to have:

- Knowhow of Automotive Autosar (BSW, ASW and CDD development)
- Knowledge of AWS or Microsoft Azure for managing virtual machines and backend development

Company Overview

AXISCADES is a leading provider of comprehensive technology & engineering solutions, dedicated to driving innovation and excellence across diverse industries ranging from Aerospace, Defence, Automotive to Embedded and Energy sectors.

With 35+ years of expertise and a global presence across North America, Europe and Asia Pacific, AXISCADES offers a broad spectrum of services encompassing digital transformation solutions, embedded electronics solutions, product engineering & manufacturing support. Leveraging cutting-edge technologies and a team of skilled professionals, the company specializes in delivering end-to-end solutions tailored to meet the unique needs of our clients.

3500+ Engineers, **17** Global Offices, Listed on **Indian Stock Exchange:** Both NSE & BSE, Headquartered in **Bengaluru**.

At AXISCADES, our focus extends beyond project delivery, we're dedicated to nurturing talent and shaping careers. As a premier provider of engineering services, we cultivate a vibrant and inclusive workplace culture conducive to personal and professional growth. Here, individuals are empowered to flourish and evolve within a dynamic and supportive environment with exposure to clients from multiple geographies and industries.

Automotive

Within the automotive industry, AXISCADES is a preferred partner for engineering solutions across the entire product development lifecycle. Our services encompass a wide range of disciplines, from concept design and analysis to manufacturing simulation and production support.

AXISCADES' core competencies include Vehicle Electronics subsystem design, covering everything from active safety systems and driver assistance features (ADAS) to body control units and infotainment systems. We have strategically evolved to cultivate extensive capabilities aimed at catalysing the transformation of urban mobility in terms of CASE ("Connected", "Autonomous", "Shared", and "Electric"), SDV (Software Defined Vehicles) & ADAS (Advanced Driver Assistance Systems).

In vehicle engineering, our team boasts a distinguished track record in product design, analysis and manufacturing engineering solutions, showcasing expertise across a diverse spectrum of areas. These include Body in White/Chassis in White (BIW/CIW), Chassis, Powertrain, Interiors, Plastics, Localization, Prototyping and Supply Chain Management (SCM).

AXISCADES' commitment to the automotive domain extends beyond traditional engineering, as we also offer solutions in additive manufacturing and digitalization, empowering clients to leverage cutting-edge technologies for a future-proof development process.

Key Pointers

- Over two decades of delivery excellence
- Trusted partner for leading Automotive OEMs in India, Europe, and North America
- Service provider across a broad spectrum of automotive segments, including Commercial Vehicles, Trucks, Buses, Cars, and SUVs
- Over 10 years of specialized experience in Safety-Critical Automotive Electronics, encompassing ADAS, Autonomous driving technologies, and more
- Spearheading the advancement of Software Defined Vehicles, transformation of Urban mobility (CASE).
- Expertise in AutoSAR, HiL Testing & Validation, as well as Safety and SPICE-compliant product development.

