

JOB DESCRIPTION

Division/Department:	Automotive and Industrial Products Business Unit		
Job Location:	Bangalore & Coimbatore		
Working Arrangement:	WFO		
Visa Status:	NA	Title:	Hardware Design Engineer
Level/Grade	L1	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			
<ul style="list-style-type: none"> - Experience in Analog Circuit, Digital circuit and Microcontrollers based circuit designs. - Knowhow of Automotive product development life cycle, good knowledge and experience in Automotive vehicle communication technologies (CAN, LIN, Flex Ray, Ethernet, and Power line communication), including high speed design standards and safety design. - Requirement analysis, HW design, Schematics reviews, Worst Case Calculations, Simulations, BOM and Design Verification. - Hands-on experience on different tools for HW Schematic design, BOM preparation & layout 			
WORK EXPERIENCE REQUIREMENTS			
<ul style="list-style-type: none"> - 3 - 6 years 			
EDUCATION REQUIREMENTS			
<ul style="list-style-type: none"> - Bachelor Degree 			
SKILL REQUIRED TO SUCCEED IN THIS JOB			
<ul style="list-style-type: none"> - Experienced in power supply design, microcontrollers interfacing circuits, Sensor interfaces - Good knowledge and experience in Automotive vehicle communication technologies (CAN, LIN, Flex Ray, Ethernet, and Power line communication), including high speed design - Circuit design, Design calculations, worst Cause Calculations and FMEA 			

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.