

JOB DESCRIPTION

Division/Department:	Automotive and Industrial Products Business Unit		
Job Location:	Bangalore		
Working Arrangement:	Work from Office / Hybrid		
Visa Status:	N/A	Title:	SEIT Engineer
Level/Grade	L2 or L3	Type of position:	Hours 160 / month
		<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>SEIT activities:</p> <ul style="list-style-type: none"> Work as integral part of the software development and test squad Analyse software requirements and designs - Develop test designs, identifying relevant test boundary, equivalence classes, test methods Write tests and implement as test automation code based on Python Behave framework, targeted at specific test environments (SIL or HIL) For SIL rigs, develop/enhance test environment code & configuration for mocked signals / components Rapid resolution of any code quality issues detected during peer review or code scanning Prove-out of automated tests on SIL or HIL rigs Good practice use of Git for configuration management of code, including regular commits and merges to master Integration of test reporting utilising client specific standard approaches Analysis of test results and test logs, triaging to determine test issue vs product issue, raising defects as appropriate 			
WORK EXPERIENCE REQUIREMENTS			
5-12 Years			
EDUCATION REQUIREMENTS			
BE / MTech – ECE			
SKILL REQUIRED TO SUCCEED IN THIS JOB			
<p>Software Engineer in Test (SEIT) Roles & Responsibilities</p> <ul style="list-style-type: none"> Responsible for product & product testing knowledge, identification of right test cases to be developed at the right time, aligning with the client software development plan, Responsible for understanding the client test automation framework and methodology and maintenance of same in Agile/Squad sprint goals. Responsible for the delivery of test automation code in line with the client test automation framework quality and standards. Implement tests stages in CI pipelines, testing tool configuration, and scripting where required. 			

Division/Department:	Automotive and Industrial Products Business Unit		
Job Location:	Bangalore		
Working Arrangement:	Work from Office / Hybrid		
Visa Status:	N/A	Title:	SEIT Engineer
<ul style="list-style-type: none"> ▪ Experience in automated software testing in an Agile and DevOps culture, with deep knowledge of the Software Testing Life Cycle (STLC) and a real passion for quality <p>SEIT Essential skills:</p> <ul style="list-style-type: none"> ○ 5+ years’ experience testing software applications, ideally on embedded targets ○ 3+ years’ experience with Python (strongly preferred) or another OO language ○ Experienced advocate for practices such as Test-Driven Development and Pair Programming ○ Experience with source code management and version control (Git/GitHub/GitLab) ○ Experience with modern CI/CD tools and techniques ○ Previous involvement in all stages of the software delivery lifecycle ○ Excellent verbal and written communication skills <p>SEIT Desirable skills</p> <ul style="list-style-type: none"> ○ Experience in BDD and creating tests using Gherkin syntax ○ Engineering Services Engineering Statement of Work ○ Implementation of tests using Python Behave (or similar, Eg Robot) framework ○ Experience with Docker or containerisation ○ Experience with embedded architectures ○ Experience with automotive and ethernet based networks - SOME/IP, DoIP, CAN-FD ○ Strong programming skills 			

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