

AXISCADES is a leading, end to end engineering and technology solutions company. We bring expertise that caters to the digital, engineering and smart manufacturing needs of large enterprises. With decades of experience in creating innovative, sustainable and safer products worldwide, AXISCADES delivers business value across the entire engineering lifecycle.

AXISCADES Technologies Limited is looking for highly-motivated **Test Engineer** for Avionics product lines. As a Test Engineer, you will be part of the company Avionics team and will focus on verification and validation of various Avionics products. In this position you will develop and verify requirements, Design, Code, design and develop Integration tests and traces for on-board avionics software systems. Along with this, you will also be responsible for test automation.

Responsibilities includes:

- Develop Test Scenarios to verify and validate requirements.
- Develop Test Cases and Test Procedures for verifying Avionics software
- Develop Tests (using Python/Manual/bash scripting) as per high level and low level requirements, including unit tests & automate them as needed.
- Develop Software integration test Scripts to verify the correct implementation of Tier 4 requirements
- Establish traceability from Tier 3 or Tier 4 requirements to test.
- Perform peer review on System and Software Requirements, Design, and Test.
- Be a good team player in the agile team. Candidate should possess excellent communications skills to participate in Requirement/Design/Code/Test reviews, have a thorough understanding of version control and software quality attributes, such as testability, portability and maintainability, and enjoy a self-driven and collaborative development approach.
- Identify, communicate and mitigate the Risk, issues and Opportunities on a timely manner.

Required Skills/Experience

- Bachelor or Master of Engineering degree and 4+ years of related work experience in Embedded Avionics System Software development, Validation/Verification, Functional Integration and certification.
- Strong Avionics domain knowledge.
- Experience in the verification of complex avionics or embedded systems.
- Excellent programming skills using Python.
- Strong knowledge on Software development & verification process using DO178
- Experience in Software Build, integration and Debugging in Simulated and integration Environment.
- Systems Thinking - Ability to understand the big picture and the inter-relationships between components of systems and plans and anticipate future events.
- Analytical Skills - Skill and ability to: collect, organize, synthesize, and analyze data; summarize findings; develop conclusions and recommendations from appropriate data sources.

Desired Skills/Experience

- Experience using application “Agile” development processes and tools, build and configuration management tools and processes, test processes, automation strategy, functional requirements specification.
- Experience with Project/Build/configuration management tools (e.g. Atlassian Tool Suites) and processes.