System Test Engineer - Automotive Infotainment (Display) (m/f/x)

LOCATION
Cluj-Napoca

COMPANY
ARRK Research & Development SRL

CONTRACT TYPE
Full-time

Form of Work
Hybride

WHAT TO EXPECT

- We are seeking a highly skilled and detail-oriented Testing FO / Test Manager to focus on the validation and testing of automotive infotainment systems, with a primary emphasis on displays, touchscreens, and user interfaces. In this role, you will be responsible for planning, executing, and analyzing tests to ensure the functionality, quality, and performance of advanced infotainment systems in line with industry and customer standards.

- This hands-on position requires a strong technical background in infotainment system validation, familiarity with automotive display technologies, and a keen eye for detail. You will work collaboratively with cross-functional teams to deliver reliable and high-quality products to market.

YOUR TASKS

- Test Planning: Create detailed test plans, protocols, and schedules for validating infotainment systems.

- Testing Execution: Conduct functional, performance, and durability tests on automotive displays and infotainment components.

- Analyze test results to identify defects, inconsistencies, or performance issues, and generate detailed reports with root cause analysis and improvement recommendations.

- Work with software, hardware, and project teams to resolve issues uncovered during testing.

- Contribute to the improvement of testing tools, processes, and methodologies, particularly for infotainment and display validation.

YOUR PROFILE

- Bachelor's degree in Electrical Engineering, Automotive Engineering, Computer Science, or a related field.

- Experience in Automotive Testing & Validation: At least 3-5 years of experience in the automotive industry, with a strong focus on validation, testing, and quality assurance for automotive systems.

- Software & Firmware Expertise: Hands-on experience with software and firmware flashing, version control, and troubleshooting flashing-related issues in automotive systems.

- Technical & Diagnostic Skills: Proficiency in automotive communication protocols (Ethernet, CAN, LIN) and experience with measurement tools such as oscilloscopes, multimeters, and power supplies for testing and debugging.

- Testing Tools & Automation: Experience with functional and performance testing, knowledge of testing methodologies (black-box, white-box, integration testing), and familiarity with tools like Jira, Confluence. Programming skills in Python, C++, or scripting languages for automation are a plus.

- Possessing strong problem-solving skills, a proactive mindset, and a results-driven attitude; identifying and resolving issues, collaborating with diverse teams, managing multiple deadlines efficiently, and continuously striving for excellence in every project.

YOUR BENEFITS

Exciting projects   **Flexible working hours**   **Employee events**   **Creative scope**   **Sports and wellness offers**   **Hybrid work**

APPLY NOW

CONTACT

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Privacy Policy

ARRK Engineering is part of the international ARRK group of companies and specialized in product development. Within the ARRK group of companies we implement product developments from virtual development to prototypes and small series production.

For reasons of simplification, only the masculine form is used in this job advertisement. However, persons of any gender and any orientation are always meant equally.

Our job offer is equally directed at severely disabled persons and persons of equal status.